

SYSTEM 4000 GMDSS

SAILOR
HF SSB 250W PEP

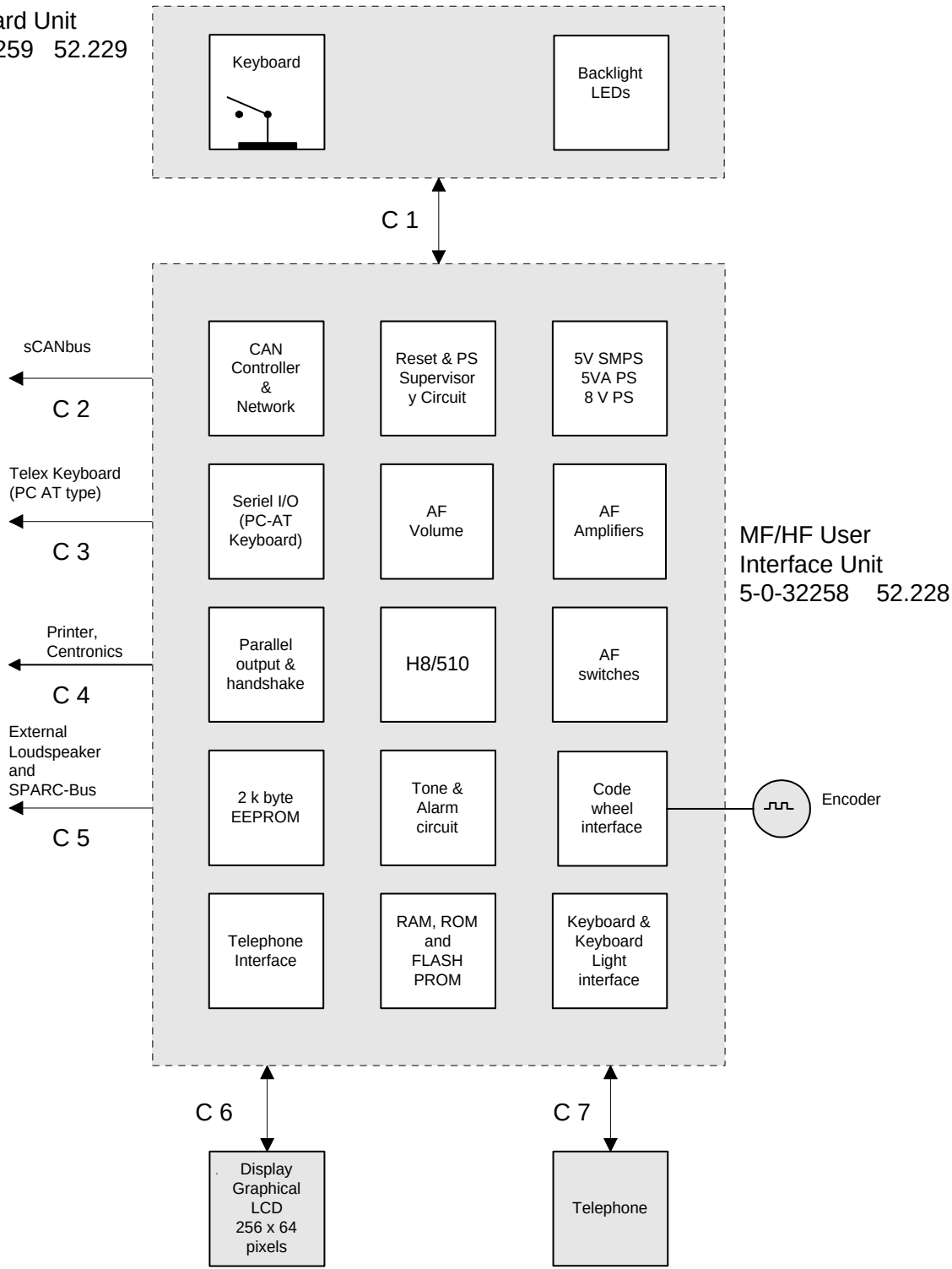
Collection of Diagrams



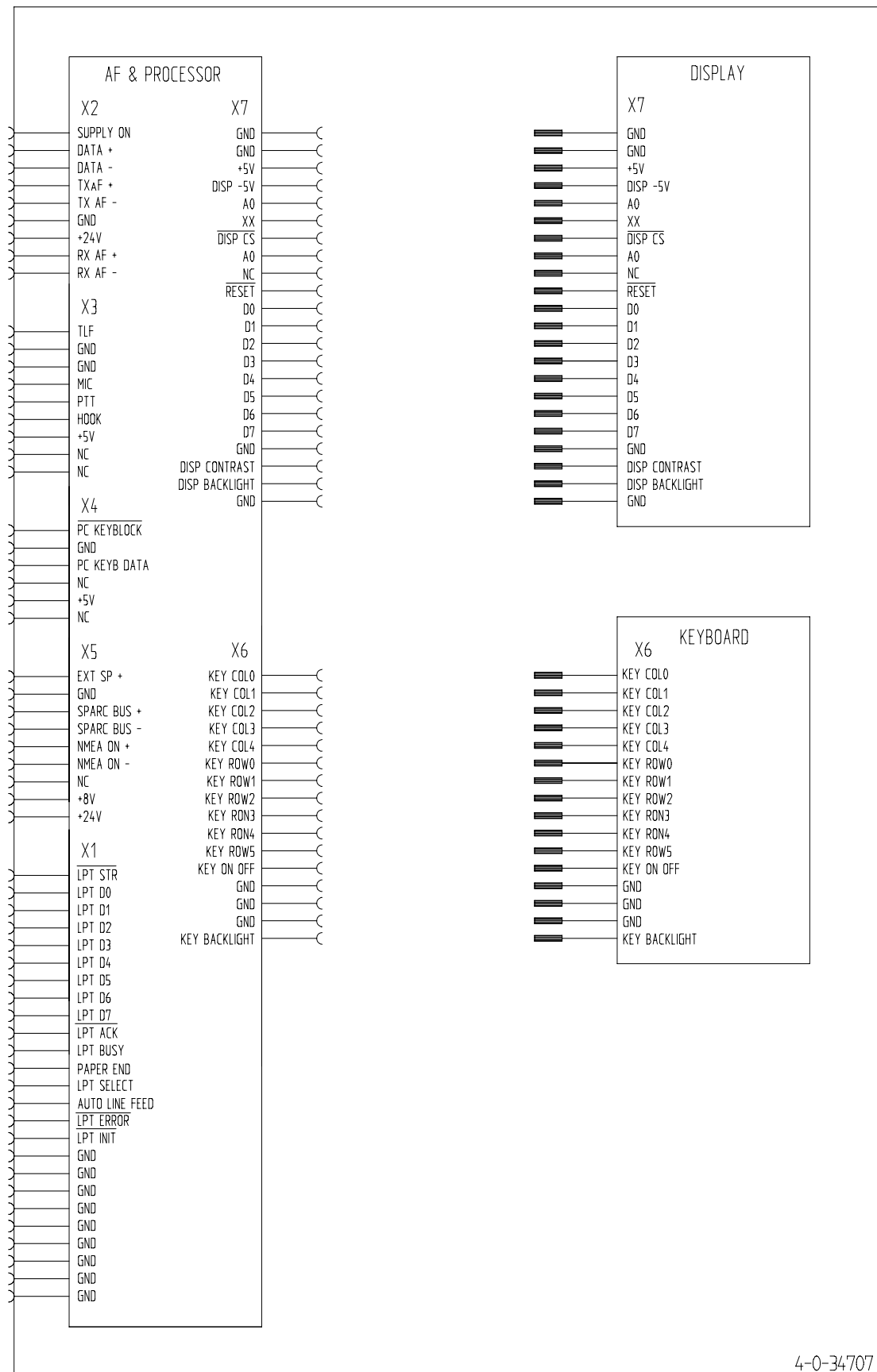
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Phone int. +45 9634 6100 · Telex 69 789 SPRAD DK · E-mail: sailor@sailor.dk · Telefax int. +45 9634 6101

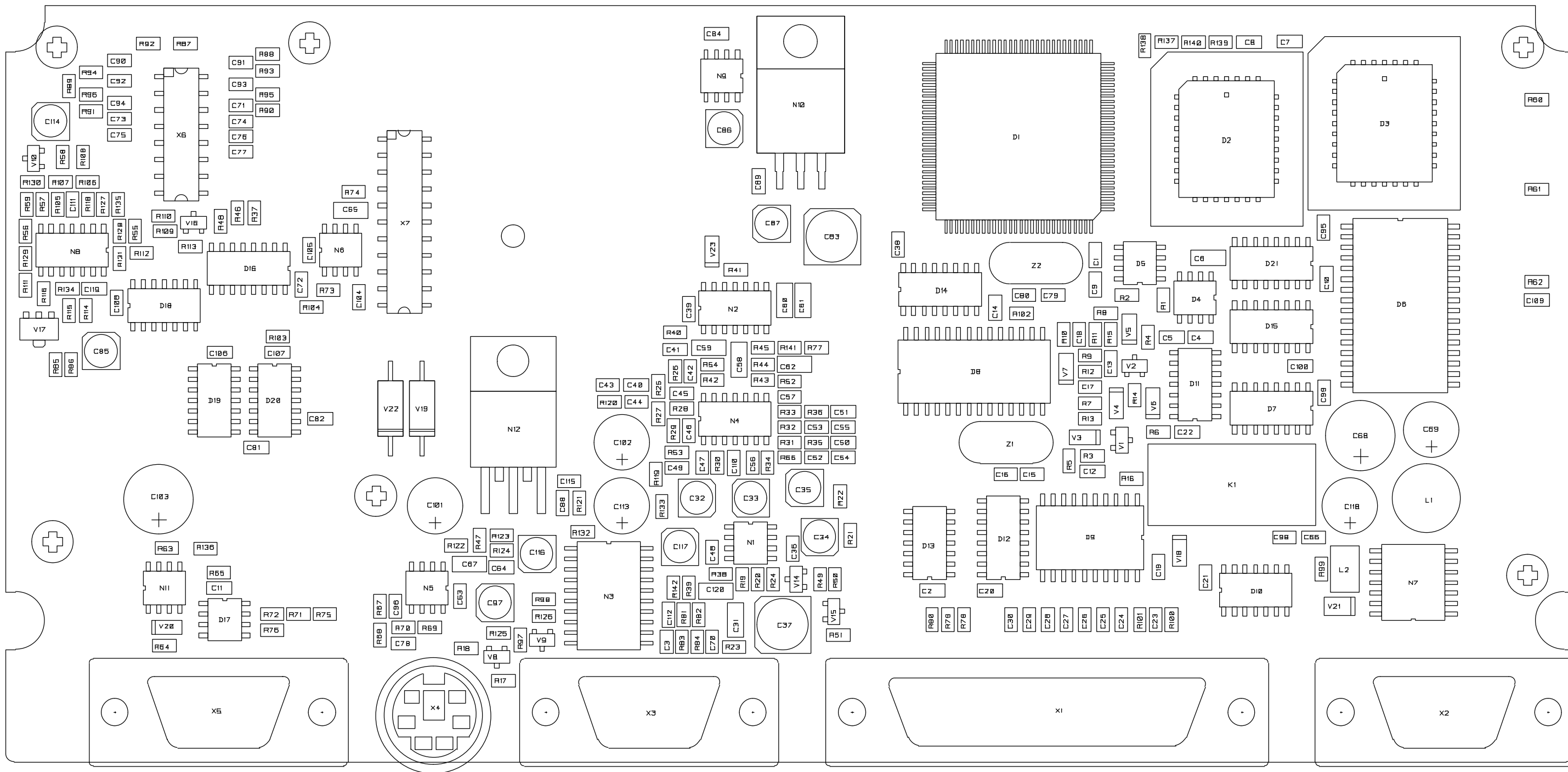
CONTROL UNIT BLOCK DIAGRAM

SP MF/HF
Keyboard Unit
5-0-32259 52.229



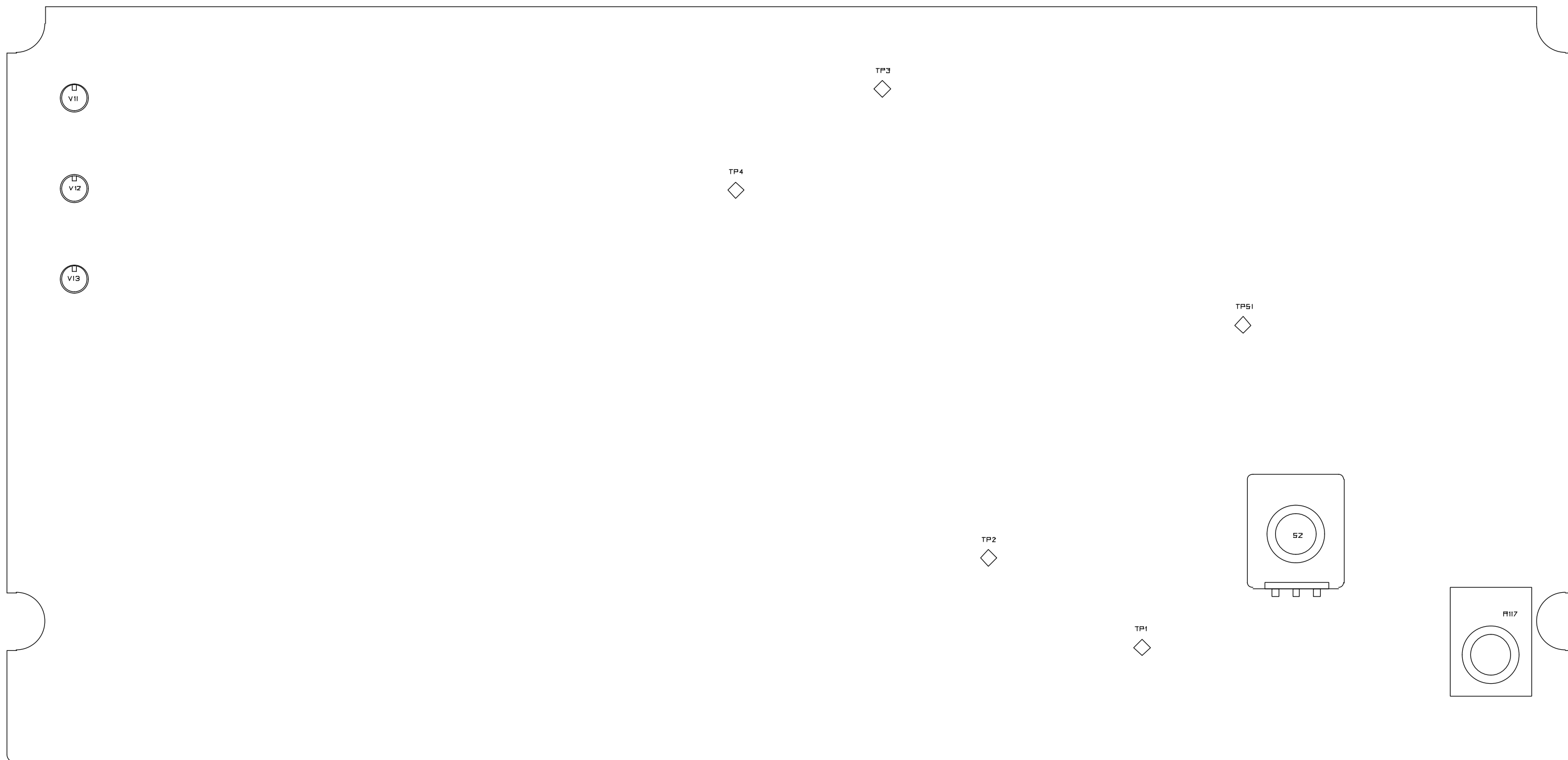
CONTROL UNIT INTERCONNECTION DIAGRAM





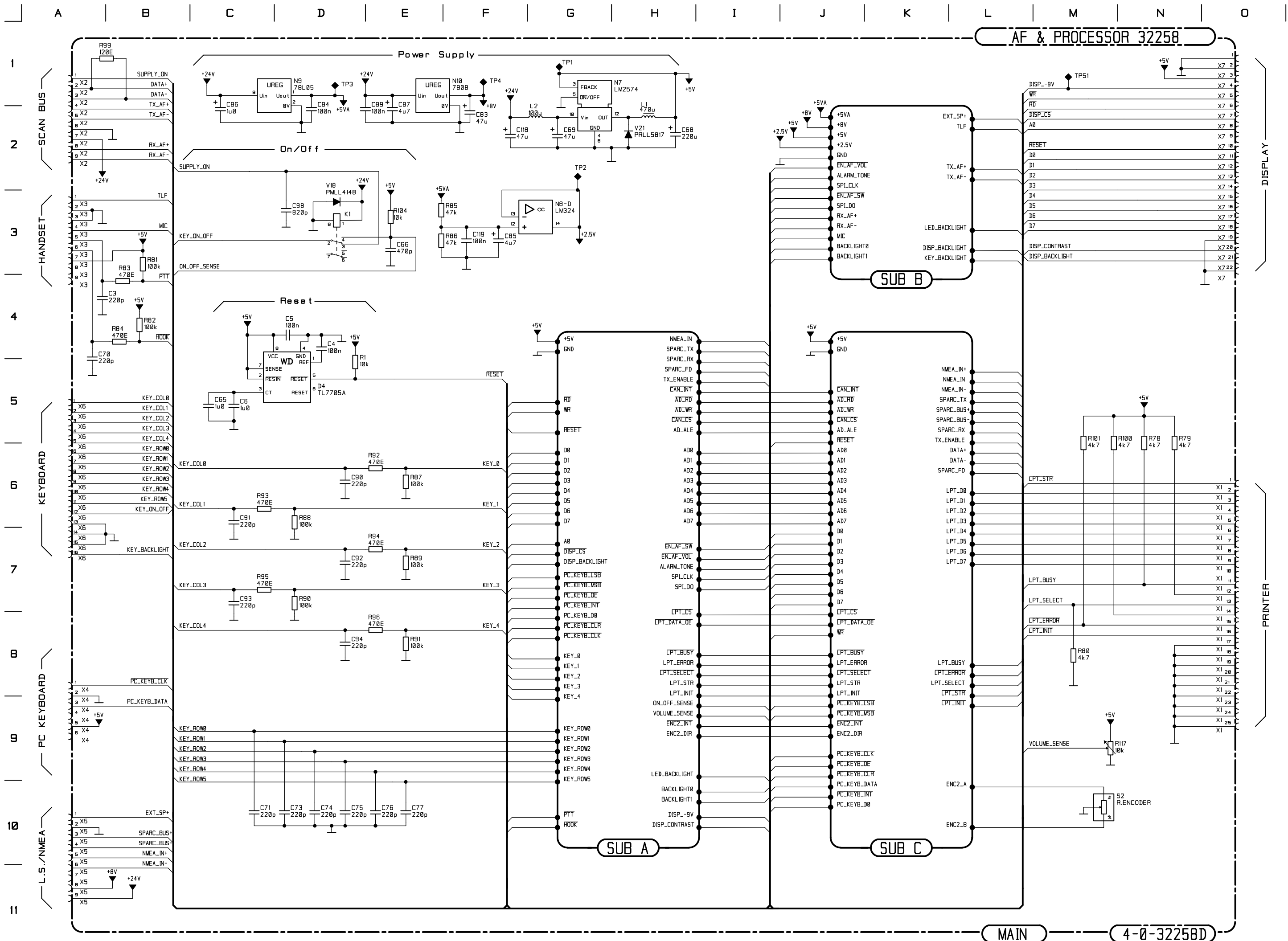
AF & PROCESSOR 32258
5-6-32258D

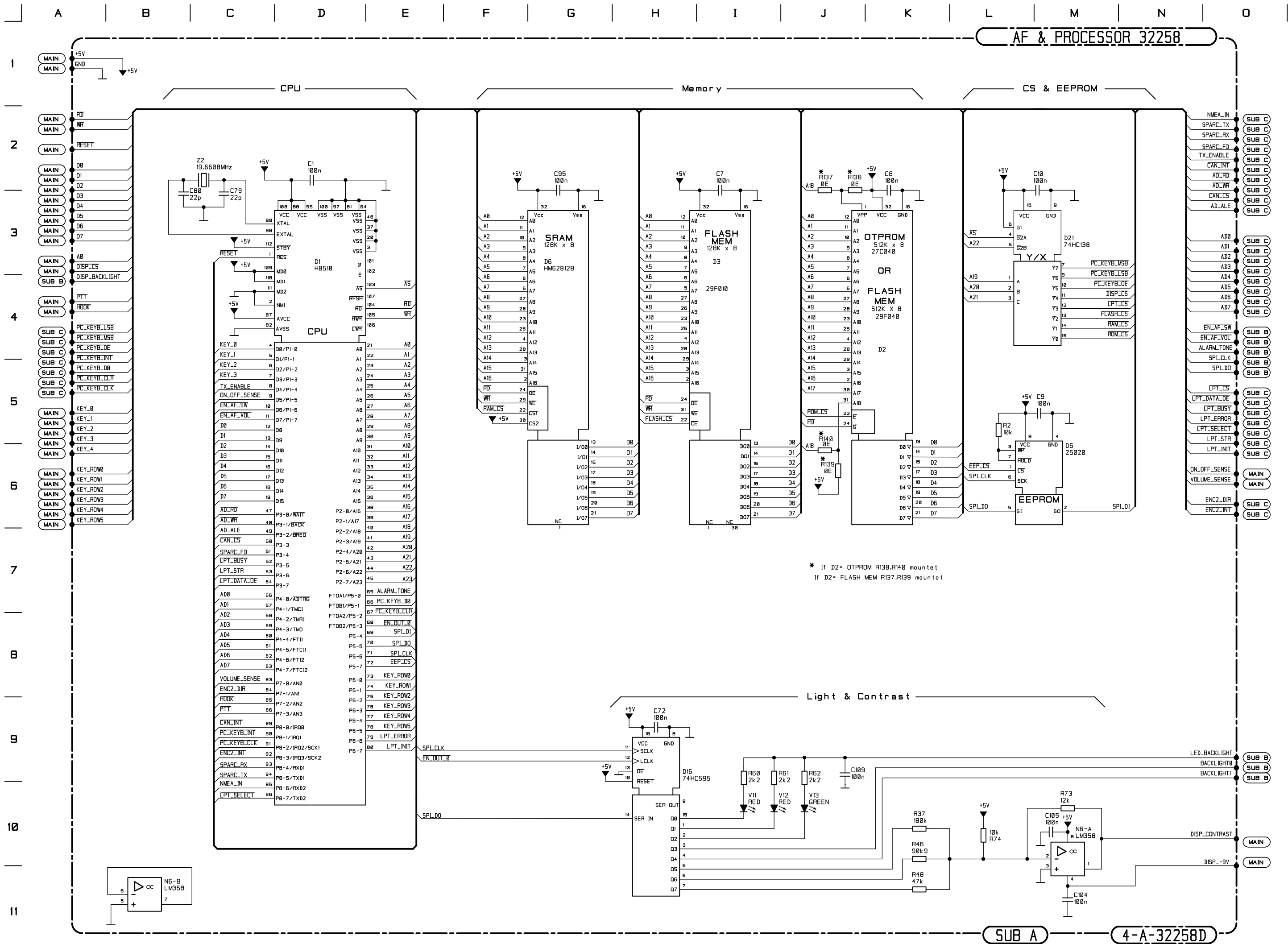
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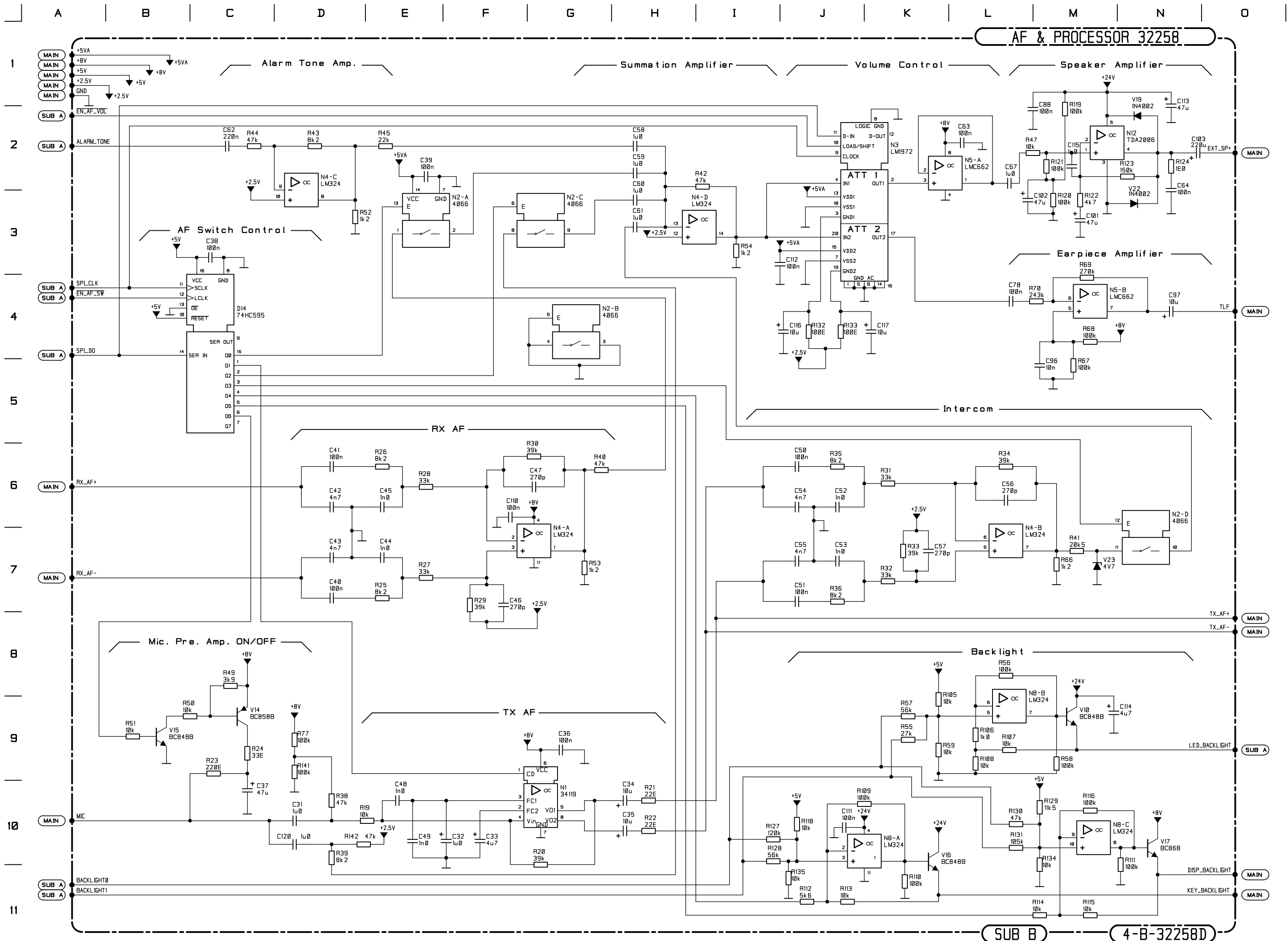


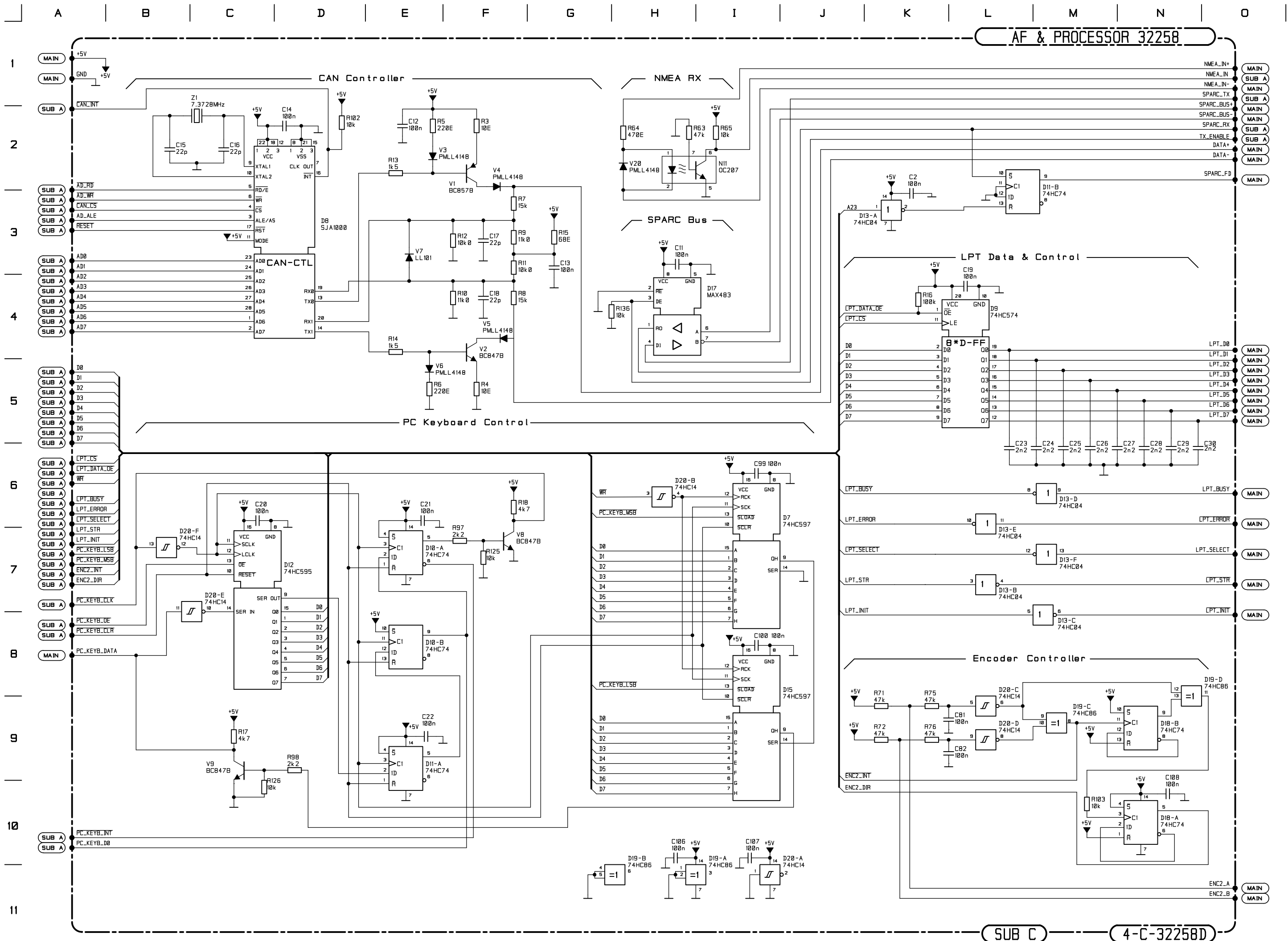
AF & PROCESSOR 32258
5-5-32258D

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AF & PROCESSOR 32258

PARTS LIST

AF & PROCESSOR 32258			ECI A/S	5-6-32258C / 4-0-32258C	632258
POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
C1	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C2	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C3	CAPACITOR CERAM. SMD 0805	220pF 5% NPO 50VDC	TDK	C2012 COG 1H 221 J T NiBa	323.090
C4	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C5	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C6	CAPACITOR CERAM. SMD 1206	1u0F -20/80% Y5V 16VDC	MURATA	GRM42-6 Y5V 105 Z 16 PT10	328.806
C7	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C8	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C9	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C10	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C11	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C12	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C13	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C14	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C15	CAPACITOR CERAM. SMD 0805	22pF 5% NPO 50VDC	TDK	C2012 COG 1H 220 J T NiBa	323.078
C16	CAPACITOR CERAM. SMD 0805	22pF 5% NPO 50VDC	TDK	C2012 COG 1H 220 J T NiBa	323.078
C17	CAPACITOR CERAM. SMD 0805	22pF 5% NPO 50VDC	TDK	C2012 COG 1H 220 J T NiBa	323.078
C18	CAPACITOR CERAM. SMD 0805	22pF 5% NPO 50VDC	TDK	C2012 COG 1H 220 J T NiBa	323.078
C19	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C20	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C21	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C22	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C23	CAPACITOR CERAM. SMD 0805	2n2F 10% X7R 50VDC	MURATA	GRM40 X7R 222 K 50 PT	328.328
C24	CAPACITOR CERAM. SMD 0805	2n2F 10% X7R 50VDC	MURATA	GRM40 X7R 222 K 50 PT	328.328
C25	CAPACITOR CERAM. SMD 0805	2n2F 10% X7R 50VDC	MURATA	GRM40 X7R 222 K 50 PT	328.328
C26	CAPACITOR CERAM. SMD 0805	2n2F 10% X7R 50VDC	MURATA	GRM40 X7R 222 K 50 PT	328.328
C27	CAPACITOR CERAM. SMD 0805	2n2F 10% X7R 50VDC	MURATA	GRM40 X7R 222 K 50 PT	328.328
C28	CAPACITOR CERAM. SMD 0805	2n2F 10% X7R 50VDC	MURATA	GRM40 X7R 222 K 50 PT	328.328
C29	CAPACITOR CERAM. SMD 0805	2n2F 10% X7R 50VDC	MURATA	GRM40 X7R 222 K 50 PT	328.328
C30	CAPACITOR CERAM. SMD 0805	2n2F 10% X7R 50VDC	MURATA	GRM40 X7R 222 K 50 PT	328.328
C31	CAPACITOR CERAM. SMD 1206	1u0F -20/80% Y5V 16VDC	MURATA	GRM42-6 Y5V 105 Z 16 PT10	328.806
C32	CAPACITOR ELECTROLYTIC SM	1u0F 20% 50VDC	PANASONIC	EEV HA 1H V 010 R	333.067
C33	CAPACITOR ELECTROLYTIC SM	4u7F 20% 25VDC	EUROPE CHEMICON	Al-Chip-MVK 35V/4.7 M	333.075
C34	CAPACITOR ELECTROLYTIC SM	10uF 20% 16VDC	EUROPE CHEMICON	Al-Chip-MKV 16V/10 M	333.079
C35	CAPACITOR ELECTROLYTIC SM	10uF 20% 16VDC	EUROPE CHEMICON	Al-Chip-MKV 16V/10 M	333.079
C36	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C37	CAPACITOR ELECTROLYTIC SM	47uF 20% 16VDC	ERO	ECV 00 AD 247 D A0	333.175
C38	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C39	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C40	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C41	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C42	CAPACITOR CERAM. SMD 0805	4n7F 10% X7R 50VDC	TDK	C2012 X7R 1H 472 K T NiBa	328.332
C43	CAPACITOR CERAM. SMD 0805	4n7F 10% X7R 50VDC	TDK	C2012 X7R 1H 472 K T NiBa	328.332
C44	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C45	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C46	CAPACITOR CERAM. SMD 0805	270pF 5% NPO 50VDC	TDK	C2012 COG 1H 271 J T NiBa	323.091
C47	CAPACITOR CERAM. SMD 0805	270pF 5% NPO 50VDC	TDK	C2012 COG 1H 271 J T NiBa	323.091
C48	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C49	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C50	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C51	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C52	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C53	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C54	CAPACITOR CERAM. SMD 0805	4n7F 10% X7R 50VDC	TDK	C2012 X7R 1H 472 K T NiBa	328.332
C55	CAPACITOR CERAM. SMD 0805	4n7F 10% X7R 50VDC	TDK	C2012 X7R 1H 472 K T NiBa	328.332
C56	CAPACITOR CERAM. SMD 0805	270pF 5% NPO 50VDC	TDK	C2012 COG 1H 271 J T NiBa	323.091
C57	CAPACITOR CERAM. SMD 0805	270pF 5% NPO 50VDC	TDK	C2012 COG 1H 271 J T NiBa	323.091
C58	CAPACITOR CERAM. SMD 1206	1u0F -20/80% Y5V 16VDC	MURATA	GRM42-6 Y5V 105 Z 16 PT10	328.806
C59	CAPACITOR CERAM. SMD 1206	1u0F -20/80% Y5V 16VDC	MURATA	GRM42-6 Y5V 105 Z 16 PT10	328.806
C60	CAPACITOR CERAM. SMD 1206	1u0F -20/80% Y5V 16VDC	MURATA	GRM42-6 Y5V 105 Z 16 PT10	328.806
C61	CAPACITOR CERAM. SMD 1206	1u0F -20/80% Y5V 16VDC	MURATA	GRM42-6 Y5V 105 Z 16 PT10	328.806
C62	CAPACITOR CERAM. SMD 1206	220nF 10% X7R 16VDC	ROHM	MCH31 2 C 224 K P(K) (MCH31 3 C 224 K K)	328.689
C63	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C64	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C65	CAPACITOR CERAM. SMD 1206	1u0F -20/80% Y5V 16VDC	MURATA	GRM42-6 Y5V 105 Z 16 PT10	328.806
C66	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C67	CAPACITOR CERAM. SMD 1206	1u0F -20/80% Y5V 16VDC	MURATA	GRM42-6 Y5V 105 Z 16 PT10	328.806

PARTSLIST

POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
C68	CAPACITOR ELECTROLYTIC	220uF 20% 25VDC	PHILIPS	2222 135 76221(LIGE BEN)	14.646
C69	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C70	CAPACITOR CERAM. SMD 0805	220pF 5% NPO 50VDC	TDK	C2012 COG 1H 221 J T NiBa	323.090
C71	CAPACITOR CERAM. SMD 0805	220pF 5% NPO 50VDC	TDK	C2012 COG 1H 221 J T NiBa	323.090
C72	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C73	CAPACITOR CERAM. SMD 0805	220pF 5% NPO 50VDC	TDK	C2012 COG 1H 221 J T NiBa	323.090
C74	CAPACITOR CERAM. SMD 0805	220pF 5% NPO 50VDC	TDK	C2012 COG 1H 221 J T NiBa	323.090
C75	CAPACITOR CERAM. SMD 0805	220pF 5% NPO 50VDC	TDK	C2012 COG 1H 221 J T NiBa	323.090
C76	CAPACITOR CERAM. SMD 0805	220pF 5% NPO 50VDC	TDK	C2012 COG 1H 221 J T NiBa	323.090
C77	CAPACITOR CERAM. SMD 0805	220pF 5% NPO 50VDC	TDK	C2012 COG 1H 221 J T NiBa	323.090
C78	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C79	CAPACITOR CERAM. SMD 0805	22pF 5% NPO 50VDC	TDK	C2012 COG 1H 220 J T NiBa	323.078
C80	CAPACITOR CERAM. SMD 0805	22pF 5% NPO 50VDC	TDK	C2012 COG 1H 220 J T NiBa	323.078
C81	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C82	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C83	CAPACITOR ELECTROLYTIC SM	47uF 20% 16VDC	ERO	ECV 00 AD 247 D A0	333.175
C84	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C85	CAPACITOR ELECTROLYTIC SM	4u7F 20% 25VDC	EUROPE CHEMICON	Al-Chip-MVK 35V/4.7 M	333.075
C86	CAPACITOR ELECTROLYTIC SM	1u0F 20% 50VDC	PANASONIC	EEV HA 1H V 010 R	333.067
C87	CAPACITOR ELECTROLYTIC SM	4u7F 20% 25VDC	EUROPE CHEMICON	Al-Chip-MVK 35V/4.7 M	333.075
C88	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C89	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C90	CAPACITOR CERAM. SMD 0805	220pF 5% NPO 50VDC	TDK	C2012 COG 1H 221 J T NiBa	323.090
C91	CAPACITOR CERAM. SMD 0805	220pF 5% NPO 50VDC	TDK	C2012 COG 1H 221 J T NiBa	323.090
C92	CAPACITOR CERAM. SMD 0805	220pF 5% NPO 50VDC	TDK	C2012 COG 1H 221 J T NiBa	323.090
C93	CAPACITOR CERAM. SMD 0805	220pF 5% NPO 50VDC	TDK	C2012 COG 1H 221 J T NiBa	323.090
C94	CAPACITOR CERAM. SMD 0805	220pF 5% NPO 50VDC	TDK	C2012 COG 1H 221 J T NiBa	323.090
C95	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C96	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C97	CAPACITOR ELECTROLYTIC SM	10uF 20% 16VDC	EUROPE CHEMICON	Al-Chip-MKV 16V/10 M	333.079
C98	CAPACITOR CERAM. SMD 0805	820pF 10% X7R 50VDC	MURATA	GRM40 X7R 821 K 50 PT	328.323
C99	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C100	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C101	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C102	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C103	CAPACITOR ELECTROLYTIC	220uF 20% 25VDC	PHILIPS	2222 135 76221(LIGE BEN)	14.646
C104	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C105	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C106	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C107	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C108	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C109	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C110	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C111	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C112	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C113	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C114	CAPACITOR ELECTROLYTIC SM	4u7F 20% 25VDC	EUROPE CHEMICON	Al-Chip-MVK 35V/4.7 M	333.075
C115	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C116	CAPACITOR ELECTROLYTIC SM	10uF 20% 16VDC	EUROPE CHEMICON	Al-Chip-MKV 16V/10 M	333.079
C117	CAPACITOR ELECTROLYTIC SM	10uF 20% 16VDC	EUROPE CHEMICON	Al-Chip-MKV 16V/10 M	333.079
C118	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C119	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
D1	CPU 8 BIT OTP QFP112	HD6415108	HITACHI	HD6415108F10	356.030
D2	SOCKET PLCC	32 POLES LOW PROFILE	T.Z.T.	ZT-SMTP-S-32-T/O	376.803
D3	SOCKET PLCC	32 POLES LOW PROFILE	T.Z.T.	ZT-SMTP-S-32-T/O	376.803
D4	SUPPLY VOLTAGE SUPERVISOR	TL7705A	TEXAS	TL7705ACD R (AID R)	356.641
D5	EEPROM 2k BIT SERIAL	X25020, AT25020	XICOR	X25020S T5,(X25020S-3 T5)	356.319
D6	SRAM 128kx8 Taa<=70nS	TC551001,RM20100,HM628128	TOSHIBA	TC551001BFL-70L TP&REEL	356.318
D7	8 BIT SHIFT REGISTER WITH	INPUT LATCH 74HC597D	PHILIPS	74HC597T TAPE&REEL	355.297
D8	STAND-ALONE CAN CONTROLLE	SJA1000	PHILIPS	SJA1000T/N1 TAPE & REEL	356.625
D9	OCTAL D-FF POS. EDGE TRIG	74HC574	TEXAS	SN74HC574DWR	85980400
D10	DUAL D-FF SET/RESET	74HC74	MOTOROLA	MC74HC74D R2	355.223
D11	DUAL D-FF SET/RESET	74HC74	MOTOROLA	MC74HC74D R2	355.223
D12	8-BIT SHIFT REG. W.LATCH	74HC595	MOTOROLA	MC74HC595D R2	355.296
D13	HEX INVERTERS 74HC04	74HC04	TEXAS	SN74HC04D R	355.205
D14	8-BIT SHIFT REG. W.LATCH	74HC595	MOTOROLA	MC74HC595D R2	355.296
D15	8 BIT SHIFT REGISTER WITH	INPUT LATCH 74HC597D	PHILIPS	74HC597T TAPE&REEL	355.297
D16	8-BIT SHIFT REG. W.LATCH	74HC595	MOTOROLA	MC74HC595D R2	355.296
D17	RS485 LOW EMI TRANCEIVER	MAX483, LTC1483	MAXIM	MAX483 CSA(ESA) TAPE&REEL	356.606
D18	DUAL D-FF SET/RESET	74HC74	MOTOROLA	MC74HC74D R2	355.223
D19	QUAD 2INPUT EXCL. OR GATE	74HC86	NATIONAL	MM74HC86MX	85983300
D20	SCHMITT-TRIGGER INVERTERS	74HC14	TEXAS*	SN74HC14DR	355.213
D21	3 TO 8 LINE DECODER	74HC138	TEXAS	SN74HC138D R	355.235
X1	SOCKET SUB D	25 POLES PCB VERSION	EDA INC.	8TO-025SS-244T	78.166

PARTSLIST

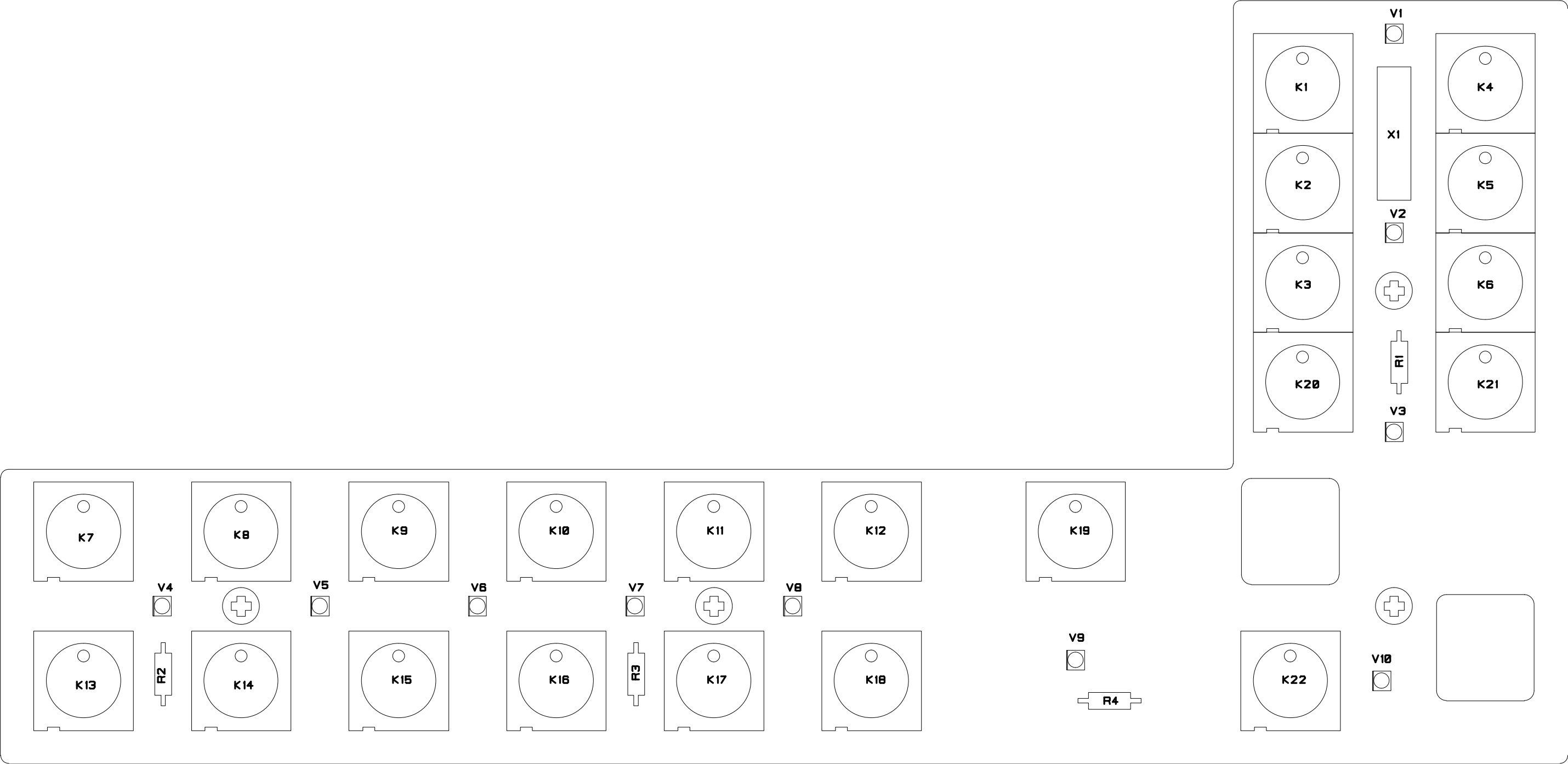
POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
X2	SOCKET SUB D 9 POLES	PCB VERSION 2x 4-40 NUT	EDA INC.	8TO-009SS-244T(144T,344T)	78.164
X3	SOCKET SUB D 9 POLES	PCB VERSION 2x 4-40 NUT	EDA INC.	8TO-009SS-244T(144T,344T)	78.164
X4	SOCKET 6 POLES MINI DIN	PCB VERSION	TAITEK	MDJ-304-6P	78.420
X5	SOCKET SUB D 9 POLES	PCB VERSION 2x 4-40 NUT	EDA INC.	8TO-009SS-244T(144T,344T)	78.164
X6	SOCKET 2x8 POLES CC=2mm	PCB VERSION	BERG ELECTRONIC	92429-116 (316)	376.086
X7	SOCKET 2x11 POLES CC=2mm	PCB VERSION	BERG ELECTRONIC	92429-322 (-122)	376.089
K1	RELAY DPDT 24VDC/1ADC		MEISEI	M4-24H	78000044
L1	CHOKE FIXED	470uH 10% / 0.4ADC	SUMIDA	RCH895-471K	20.248
L2	CHOKE FIXED SMD 1812	100uH 10%	PANASONIC	ELJ FB 101 K F	74101600
R1	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R2	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R3	RESISTOR SMD 0805	10 OHM 5% 0.1W	ROHM	MCR 10 EZH J 10R	302.024
R4	RESISTOR SMD 0805	10 OHM 5% 0.1W	ROHM	MCR 10 EZH J 10R	302.024
R5	RESISTOR SMD 0805	220 OHM 5% 0.1W	ROHM	MCR 10 EZH J 221	302.040
R6	RESISTOR SMD 0805	220 OHM 5% 0.1W	ROHM	MCR 10 EZH J 221	302.040
R7	RESISTOR SMD 0805	15k OHM 5% 0.1W	ROHM	MCR 10 EZH J 153	302.062
R8	RESISTOR SMD 0805	15k OHM 5% 0.1W	ROHM	MCR 10 EZH J 153	302.062
R9	RESISTOR SMD 0805	11k0 OHM 1% 50mW	PHILIPS	2322 734 2/61103	302.474
R10	RESISTOR SMD 0805	11k0 OHM 1% 50mW	PHILIPS	2322 734 2/61103	302.474
R11	RESISTOR SMD 0805	10k0 OHM 1% 50mW	PHILIPS	2322 734 2/61003	302.470
R12	RESISTOR SMD 0805	10k0 OHM 1% 50mW	PHILIPS	2322 734 2/61003	302.470
R13	RESISTOR SMD 0805	1k5 OHM 5% 0.1W	ROHM	MCR 10 EZH J 152	302.050
R14	RESISTOR SMD 0805	1k5 OHM 5% 0.1W	ROHM	MCR 10 EZH J 152	302.050
R15	RESISTOR SMD 0805	68 OHM 5% 0.1W	ROHM	MCR 10 EZH J 68R	302.034
R16	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R17	RESISTOR SMD 0805	4k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 472	302.056
R18	RESISTOR SMD 0805	4k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 472	302.056
R19	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R20	RESISTOR SMD 0805	39k OHM 5% 0.1W	ROHM	MCR 10 EZH J 393	302.067
R21	RESISTOR SMD 0805	22 OHM 5% 0.1W	ROHM	MCR 10 EZH J 22R	302.028
R22	RESISTOR SMD 0805	22 OHM 5% 0.1W	ROHM	MCR 10 EZH J 22R	302.028
R23	RESISTOR SMD 0805	220 OHM 5% 0.1W	ROHM	MCR 10 EZH J 221	302.040
R24	RESISTOR SMD 0805	33 OHM 5% 0.1W	ROHM	MCR 10 EZH J 33R	302.030
R25	RESISTOR SMD 0805	8k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 822	302.059
R26	RESISTOR SMD 0805	8k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 822	302.059
R27	RESISTOR SMD 0805	33k OHM 5% 0.1W	ROHM	MCR 10 EZH J 333	302.066
R28	RESISTOR SMD 0805	33k OHM 5% 0.1W	ROHM	MCR 10 EZH J 333	302.066
R29	RESISTOR SMD 0805	39k OHM 5% 0.1W	ROHM	MCR 10 EZH J 393	302.067
R30	RESISTOR SMD 0805	39k OHM 5% 0.1W	ROHM	MCR 10 EZH J 393	302.067
R31	RESISTOR SMD 0805	33k OHM 5% 0.1W	ROHM	MCR 10 EZH J 333	302.066
R32	RESISTOR SMD 0805	33k OHM 5% 0.1W	ROHM	MCR 10 EZH J 333	302.066
R33	RESISTOR SMD 0805	39k OHM 5% 0.1W	ROHM	MCR 10 EZH J 393	302.067
R34	RESISTOR SMD 0805	39k OHM 5% 0.1W	ROHM	MCR 10 EZH J 393	302.067
R35	RESISTOR SMD 0805	8k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 822	302.059
R36	RESISTOR SMD 0805	8k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 822	302.059
R37	RESISTOR SMD 0805	180k OHM 5% 0.1W	ROHM	MCR 10 EZH J 184	302.075
R38	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R39	RESISTOR SMD 0805	8k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 822	302.059
R40	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R41	RESISTOR SMD 0805	20k5 OHM 1% 50mW	PHILIPS	2322 734 2/62053	302.500
R42	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R43	RESISTOR SMD 0805	8k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 822	302.059
R44	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R45	RESISTOR SMD 0805	22k OHM 5% 0.1W	ROHM	MCR 10 EZH J 223	302.064
R46	RESISTOR SMD 0805	90k9 OHM 1% 50mW	PHILIPS	2322 734 2/69093	302.562
R47	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R48	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R49	RESISTOR SMD 0805	3k9 OHM 5% 0.1W	ROHM	MCR 10 EZH J 392	302.055
R50	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R51	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R52	RESISTOR SMD 0805	1k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 122	302.049
R53	RESISTOR SMD 0805	1k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 122	302.049
R54	RESISTOR SMD 0805	1k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 122	302.049
R55	RESISTOR SMD 0805	27k OHM 5% 0.1W	ROHM	MCR 10 EZH J 273	302.065
R56	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R57	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R58	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R59	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R60	RESISTOR SMD 0805	2k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 222	302.052
R61	RESISTOR SMD 0805	2k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 222	302.052
R62	RESISTOR SMD 0805	2k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 222	302.052
R63	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R64	RESISTOR SMD 0805	470 OHM 5% 0.1W	ROHM	MCR 10 EZH J 471	302.044
R65	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060

PARTSLIST

POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
R66	RESISTOR SMD 0805	1k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 122	302.049
R67	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R68	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R69	RESISTOR SMD 0805	39k OHM 5% 0.1W	ROHM	MCR 10 EZH J 393	302.067
R70	RESISTOR SMD 0805	39k OHM 5% 0.1W	ROHM	MCR 10 EZH J 393	302.067
R71	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R72	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R73	RESISTOR SMD 0805	12k OHM 5% 0.1W	ROHM	MCR 10 EZH J 123	302.061
R74	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R75	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R76	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R77	RESISTOR SMD 0805	4k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 472	302.056
R78	RESISTOR SMD 0805	4k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 472	302.056
R79	RESISTOR SMD 0805	4k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 472	302.056
R80	RESISTOR SMD 0805	4k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 472	302.056
R81	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R82	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R83	RESISTOR SMD 0805	470 OHM 5% 0.1W	ROHM	MCR 10 EZH J 471	302.044
R84	RESISTOR SMD 0805	470 OHM 5% 0.1W	ROHM	MCR 10 EZH J 471	302.044
R85	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R86	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R87	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R88	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R89	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R90	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R91	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R92	RESISTOR SMD 0805	470 OHM 5% 0.1W	ROHM	MCR 10 EZH J 471	302.044
R93	RESISTOR SMD 0805	470 OHM 5% 0.1W	ROHM	MCR 10 EZH J 471	302.044
R94	RESISTOR SMD 0805	470 OHM 5% 0.1W	ROHM	MCR 10 EZH J 471	302.044
R95	RESISTOR SMD 0805	470 OHM 5% 0.1W	ROHM	MCR 10 EZH J 471	302.044
R96	RESISTOR SMD 0805	470 OHM 5% 0.1W	ROHM	MCR 10 EZH J 471	302.044
R97	RESISTOR SMD 0805	2k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 222	302.052
R98	RESISTOR SMD 0805	2k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 222	302.052
R99	RESISTOR SMD 0805	120 OHM 5% 0.1W	ROHM	MCR 10 EZH J 121	302.037
R100	RESISTOR SMD 0805	4k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 472	302.056
R101	RESISTOR SMD 0805	4k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 472	302.056
R102	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R103	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R104	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R105	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R106	RESISTOR SMD 0805	1k0 OHM 5% 0.1W	ROHM	MCR 10 EZH J 102	302.048
R107	RESISTOR SMD 0805	10k0 OHM 1% 50mW	PHILIPS	2322 734 2/61003	302.470
R108	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R109	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R110	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R111	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R112	RESISTOR SMD 0805	5k6 OHM 5% 0.1W	ROHM	MCR 10 EZH J 562	302.057
R113	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R114	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R115	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R116	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R117	POTENTIOMETER 9.8x13mm	10k OHM 20% 50mW LIN.	NOBLE	XV092PVBN20F-1B 10k/I	08.259
R118	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R119	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R120	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R121	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R122	RESISTOR SMD 0805	4k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 472	302.056
R123	RESISTOR SMD 0805	150k OHM 5% 0.1W	ROHM	MCR 10 EZH J 154	302.074
R124	RESISTOR SMD 0805	1R0 OHM 5% 0.1W	ROHM	MCR 10 MZH J 1R0	302.012
R125	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R126	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R127	RESISTOR SMD 0805	120k OHM 5% 0.1W	ROHM	MCR 10 EZH J 124	302.073
R128	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R129	RESISTOR SMD 0805	11k5 OHM 1% 50mW	PHILIPS	2322 734 2/61153	302.476
R130	RESISTOR SMD 0805	105k OHM 1% 50mW	PHILIPS	2322 734 2/61054	302.572
R131	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R132	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R133	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R134	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R135	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
S1	SIL SQUARE PINS	2 POLES CC=1/10"	AMP	0-826629-2	78.322
S2	ROTARY ENCODER PCB VERS.		ALPS	EC11B15204 L1=15,LB=5,I=7	44.202
V1	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000

PARTSLIST

POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
V2	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V3	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V4	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V5	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V6	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V7	DIODE SCHOTTKY	LL101A	ITT	LL101A(B,C) TAPE&REEL	83710100
V8	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V9	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V10	TRANS. AF SMALL SIGNAL	NPN, BC848B	MOTOROLA	BC848BLT1 (T3)	345.048
V11	LED x3 RED	1mCd/2mA	TFK	TLLR 4401 AS 12Z (21Z)	25.652
V12	LED x3 RED	1mCd/2mA	TFK	TLLR 4401 AS 12Z (21Z)	25.652
V13	LED x3 GREEN	1mCd/2mA	TFK	TLLG 4401 AS 12Z (21Z)	25.653
V14	TRANS. AF SMALL SIGNAL	NPN, BC858B	MOTOROLA	BC858BT1 (T3)	345.058
V15	TRANS. AF SMALL SIGNAL	NPN, BC848B	MOTOROLA	BC848BLT1 (T3)	345.048
V16	TRANS. AF SMALL SIGNAL	NPN, BC848B	MOTOROLA	BC848BLT1 (T3)	345.048
V17	TRANS. AF MED POW.	NPN, BC868	PHILIPS	BC868-115	84720100
V18	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V19	DIODE RECTIFIER	1N4002 100V/1A	MOTOROLA	1N4002(03/04/05/06/07)RL	25.100
V20	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V21	DIODE SCHOTTKY 1A/20V	SOD87 PRL 5817	PHILIPS	PRL 5817	340.252
V22	DIODE RECTIFIER	1N4002 100V/1A	MOTOROLA	1N4002(03/04/05/06/07)RL	25.100
N1	LOW POWER AUDIO AMPLIFIER	MC34119	MOTOROLA	MC34119D R2(R1)	85870000
N2	QUAD BILATERAL SWITCH	CD4066BC	MOTOROLA	MC14066BD R2(R1)	355.066
N3	DUAL AUDIO ATTENUATOR	WITH MUTE LM1972	NATIONAL	LM1972	351.202
N4	QUAD OP.AMP.	LM324	MOTOROLA	LM324D R2	350.530
N5	DUAL CMOS OPAMP	LMC662	NATIONAL	LMC662CMX	85810900
N6	DUAL LOW POW. OP AMP	LM358	MOTOROLA	LM358D R2 (LM358AD R2)	350.525
N7	SWITCH MODE REG. 5V/0.5A	LM2574M-5.0	NATIONAL	LM2574M-5.0	351.056
N8	QUAD OP.AMP.	LM324	MOTOROLA	LM324D R2	350.530
N9	VOLTAGE REGULATOR FIXED	5V/0.1A 78L05A	MOTOROLA	MC78L05ACD R2	350.100
N10	VOLTAGE REGULATOR FIXED	8V/1A 7808C	MOTOROLA	MC7808CT	31.255
N11	OPTO COUPLER	MOC207, IL207	MOTOROLA	MOC207 R1 (R2)	353.057
N12	AUDIO AMPLIFIER 12W	TDA2006H	SGS	TDA 2006 H	85020060
Z1	CRYSTAL 19.6608MHz 50ppm		SMI	4H 196-20	39.778
Z2	CRYSTAL 7.3728MHz		MEIDEN	MQX-HC49U2-07372-32	39.818



Keyboard 32259
5-6-32259A
Size 2:1

A

B

C

D

E

F

G

KEYBOARD 32259

1

2

3

4

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8

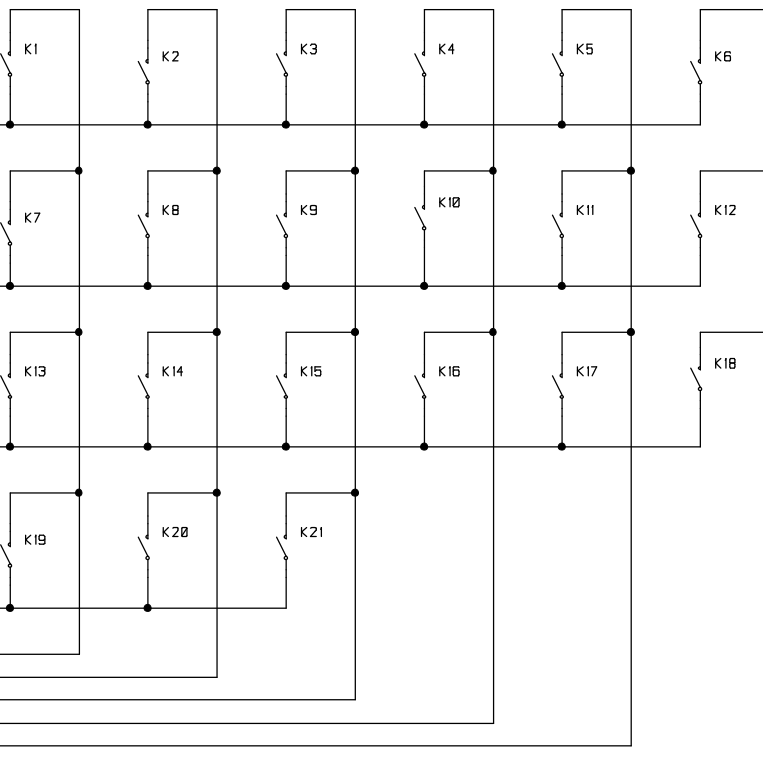
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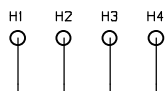
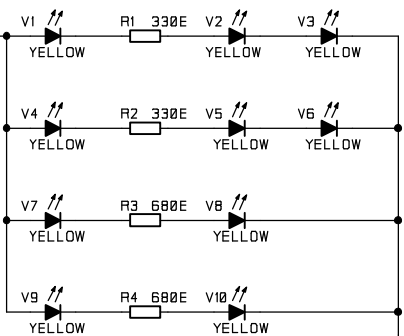
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X1

1 KEY COL 0
2 KEY COL 1
3 KEY COL 2
4 KEY COL 3
5
6 KEY ROW 0
7 KEY ROW 1
8 KEY ROW 2
9 KEY ROW 3
10 KEY ROW 4
11 KEY ROW 5
12 ON/OFF
13
14
15
16 KEYBOARD LIGHT



On/Off K22

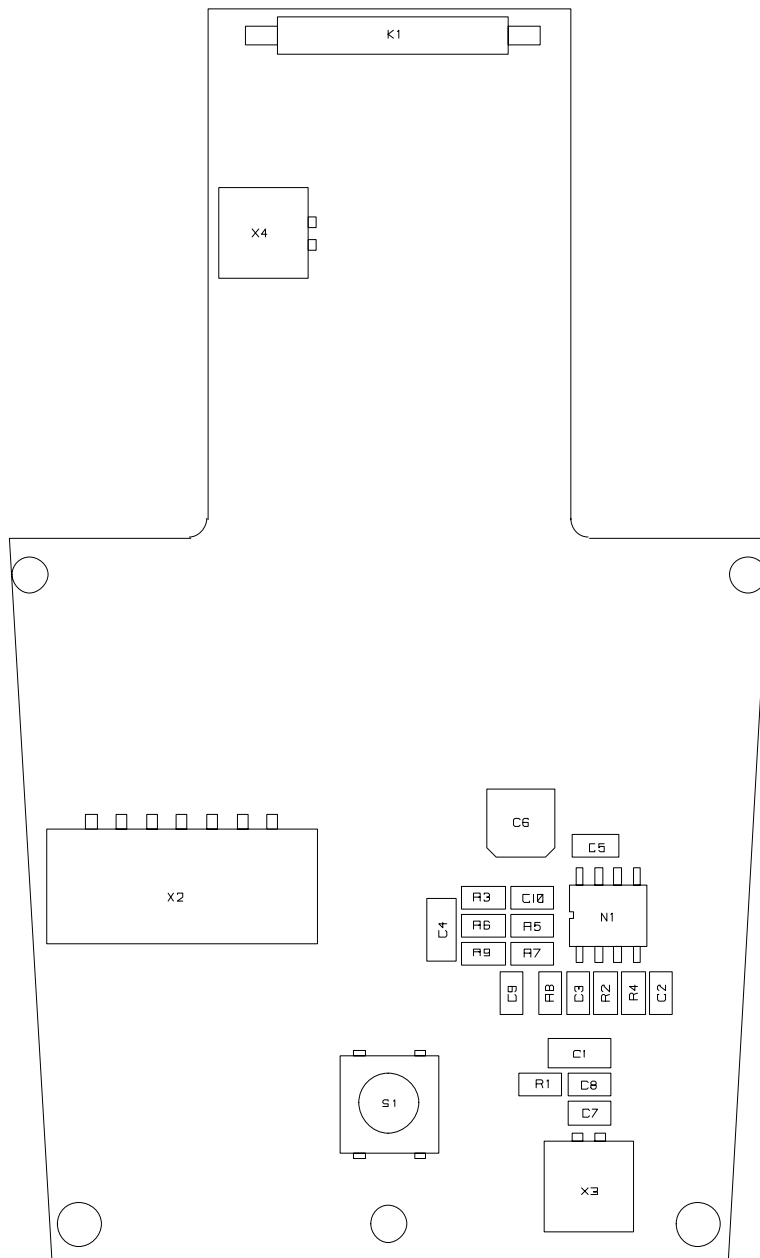


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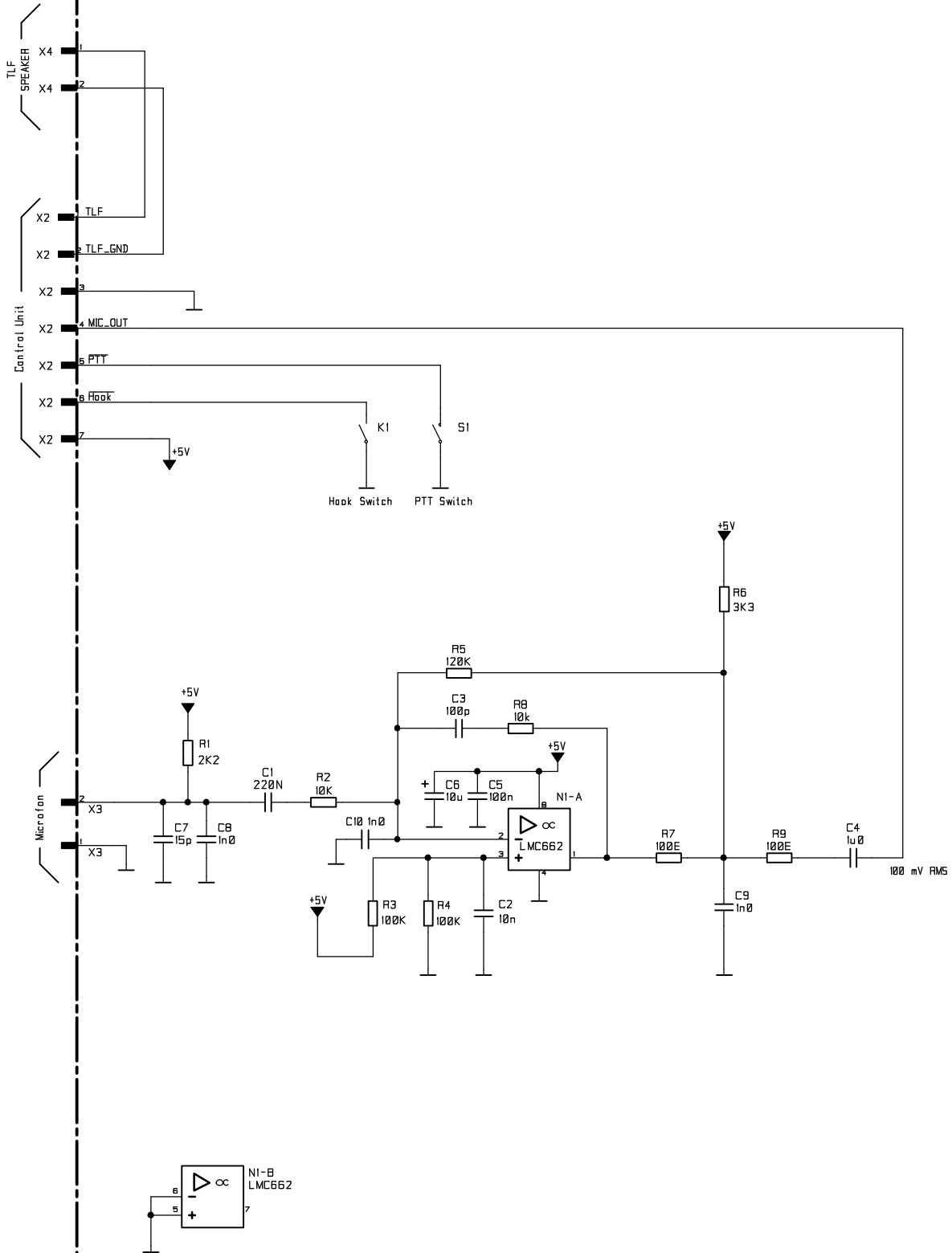
PARTS LIST

KEYBOARD 32259			ECI A/S	5-6-32259A / 4-0-32259A	632259
POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
X1	DIL SQUARE PINS	2x8 POLES CC=2mm	SAMTEC	TW-08-03-T-D-260-100	78.346
K1	SWITCH KEYBOARD	12x12mm	OMRON	B3F-4005	43.601
K2	SWITCH KEYBOARD	12x12mm	OMRON	B3F-4005	43.601
K3	SWITCH KEYBOARD	12x12mm	OMRON	B3F-4005	43.601
K4	SWITCH KEYBOARD	12x12mm	OMRON	B3F-4005	43.601
K5	SWITCH KEYBOARD	12x12mm	OMRON	B3F-4005	43.601
K6	SWITCH KEYBOARD	12x12mm	OMRON	B3F-4005	43.601
K7	SWITCH KEYBOARD	12x12mm	OMRON	B3F-4005	43.601
K8	SWITCH KEYBOARD	12x12mm	OMRON	B3F-4005	43.601
K9	SWITCH KEYBOARD	12x12mm	OMRON	B3F-4005	43.601
K10	SWITCH KEYBOARD	12x12mm	OMRON	B3F-4005	43.601
K11	SWITCH KEYBOARD	12x12mm	OMRON	B3F-4005	43.601
K12	SWITCH KEYBOARD	12x12mm	OMRON	B3F-4005	43.601
K13	SWITCH KEYBOARD	12x12mm	OMRON	B3F-4005	43.601
K14	SWITCH KEYBOARD	12x12mm	OMRON	B3F-4005	43.601
K15	SWITCH KEYBOARD	12x12mm	OMRON	B3F-4005	43.601
K16	SWITCH KEYBOARD	12x12mm	OMRON	B3F-4005	43.601
K17	SWITCH KEYBOARD	12x12mm	OMRON	B3F-4005	43.601
K18	SWITCH KEYBOARD	12x12mm	OMRON	B3F-4005	43.601
K19	SWITCH KEYBOARD	12x12mm	OMRON	B3F-4005	43.601
K20	SWITCH KEYBOARD	12x12mm	OMRON	B3F-4005	43.601
K21	SWITCH KEYBOARD	12x12mm	OMRON	B3F-4005	43.601
K22	SWITCH KEYBOARD	12x12mm	OMRON	B3F-4005	43.601
R1	RESISTOR MF	330 OHM 5% 0.33W	PHILIPS	2322 187 73331	02.460
R2	RESISTOR MF	330 OHM 5% 0.33W	PHILIPS	2322 187 73331	02.460
R3	RESISTOR MF	680 OHM 5% 0.33W	PHILIPS	2322 187 73681	02.468
R4	RESISTOR MF	680 OHM 5% 0.33W	PHILIPS	2322 187 73681	02.468
V1	LED SUB. MIN YELLOW	0.4mCd/2mA	H.P.	HLMP-7019 OPTION 1S1	25.649
V2	LED SUB. MIN YELLOW	0.4mCd/2mA	H.P.	HLMP-7019 OPTION 1S1	25.649
V3	LED SUB. MIN YELLOW	0.4mCd/2mA	H.P.	HLMP-7019 OPTION 1S1	25.649
V4	LED SUB. MIN YELLOW	0.4mCd/2mA	H.P.	HLMP-7019 OPTION 1S1	25.649
V5	LED SUB. MIN YELLOW	0.4mCd/2mA	H.P.	HLMP-7019 OPTION 1S1	25.649
V6	LED SUB. MIN YELLOW	0.4mCd/2mA	H.P.	HLMP-7019 OPTION 1S1	25.649
V7	LED SUB. MIN YELLOW	0.4mCd/2mA	H.P.	HLMP-7019 OPTION 1S1	25.649
V8	LED SUB. MIN YELLOW	0.4mCd/2mA	H.P.	HLMP-7019 OPTION 1S1	25.649
V9	LED SUB. MIN YELLOW	0.4mCd/2mA	H.P.	HLMP-7019 OPTION 1S1	25.649
V10	LED SUB. MIN YELLOW	0.4mCd/2mA	H.P.	HLMP-7019 OPTION 1S1	25.649



Handset 32264
 5-6-32264C
 Size 2:1

HANDSET 32264



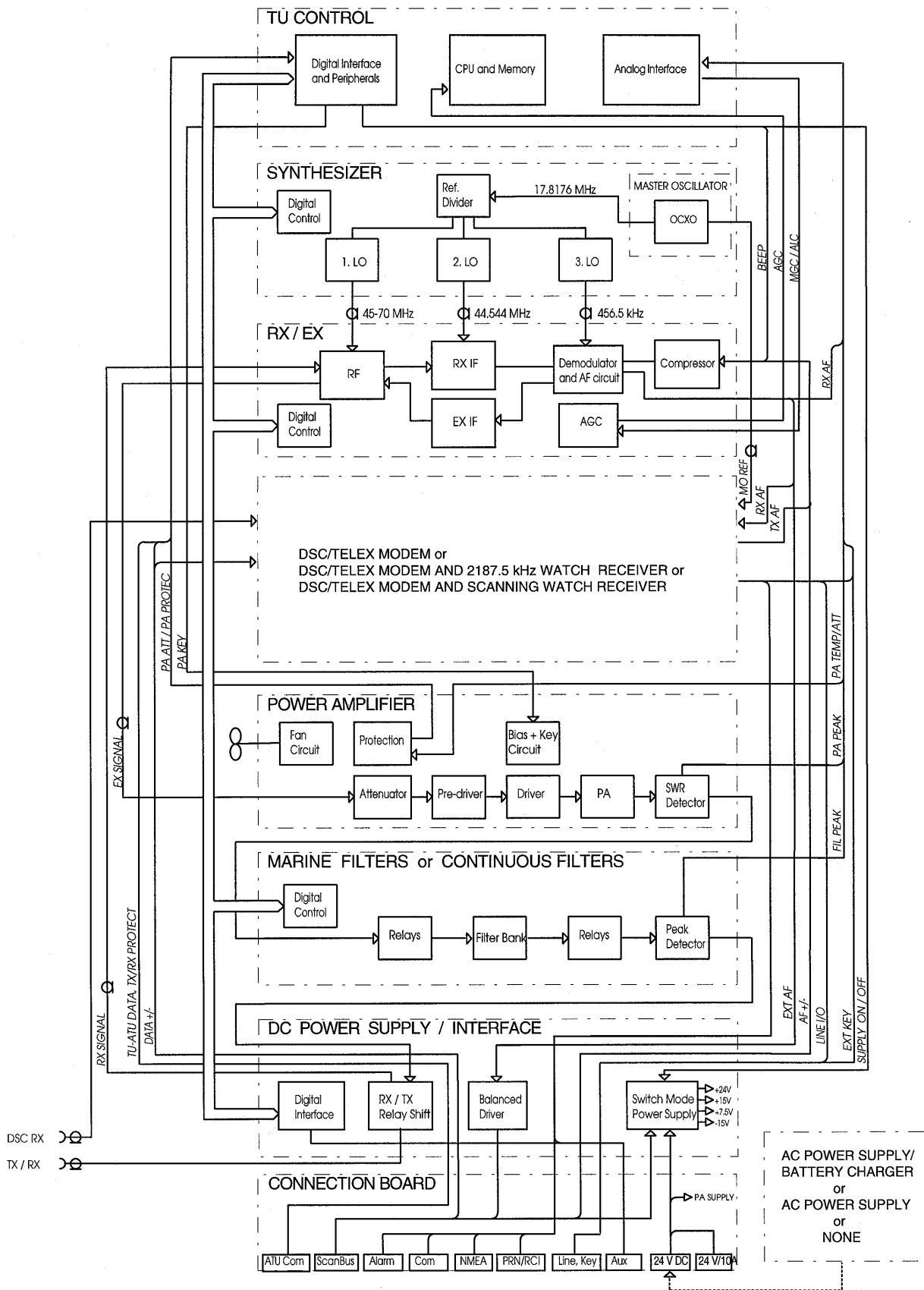
MAIN

4-0-32264D

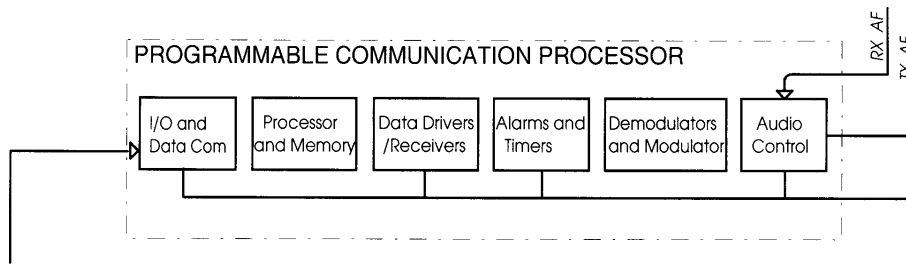
PARTS LIST

HANDSET 32264			ECI A/S	5-6-32264C / 4-0-32264D	632264
POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
C1	CAPACITOR CERAM. SMD 1206	220nF 10% X7R 16VDC	ROHM	MCH31 2 C 224 K P(K)	328.689
C2	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C3	CAPACITOR CERAM. SMD 0805	100pF 5% NPO 50VDC	TDK	C2012 COG 1H 101 J T NiBa	323.086
C4	CAPACITOR CERAM. SMD 1206	1u0F -20/80% Y5V 16VDC	MURATA	GRM42-6 Y5V 105 Z 16 PT10	328.806
C5	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C6	CAPACITOR ELECTROLYTIC SM	10uF 20% 16VDC	EUROPE CHEMICON	Al-Chip-MKV 16V/10 M	333.079
C7	CAPACITOR CERAM. SMD 0805	15pF 5% NPO 50VDC	TDK	C2012 COG 1H 150 J T NiBa	323.076
C8	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C9	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C10	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
X2	PLUG 7 POLES RIGHT ANGLE	CC=2mm, PCB VERSION	JST	S 7B-PH-SM3-TB	375.127
X3	PLUG 2 POLES CC=1.5mm	PCB VERSION	JST	S 2B-ZR-SM3A-TF	375.060
X4	PLUG 2 POLES CC=1.5mm	PCB VERSION	JST	S 2B-ZR-SM3A-TF	375.060
K1	REED SWITCH	SPST 10VA FR2024	CP CLARE	FR2024	339.400
R1	RESISTOR SMD 0805	2k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 222	302.052
R2	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R3	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R4	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R5	RESISTOR SMD 0805	120k OHM 5% 0.1W	ROHM	MCR 10 EZH J 124	302.073
R6	RESISTOR SMD 0805	3k3 OHM 5% 0.1W	ROHM	MCR 10 EZH J 332	302.054
R7	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R9	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
S1	KEYSWITCH SPST 6.2x6.2mm	50V/10mA, FA=2N, KSC221GB	ITT	KSC221JB	373.011
N1	DUAL CMOS OPAMP	LMC662	NATIONAL	LMC662CMX	85810900

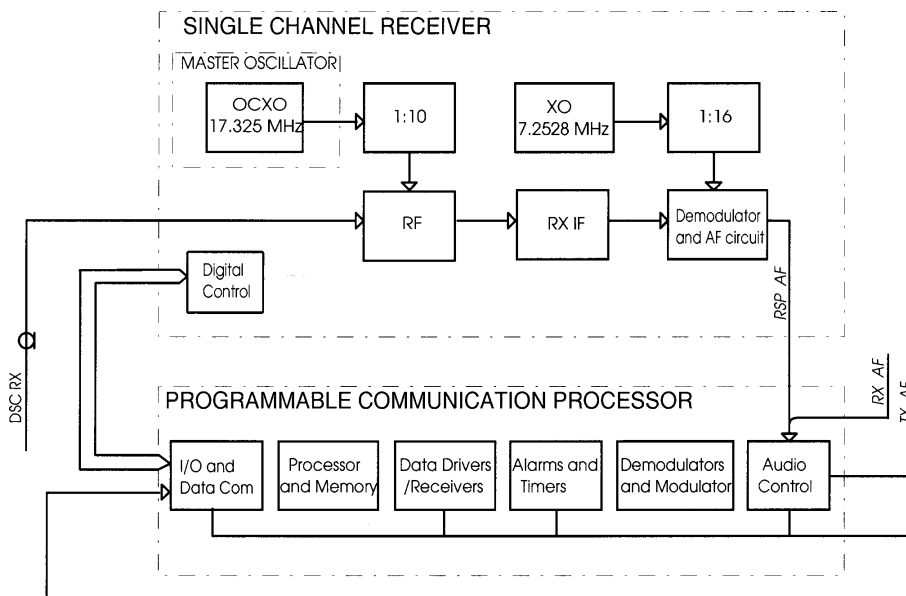
TRANSCEIVER UNIT BLOCK DIAGRAM



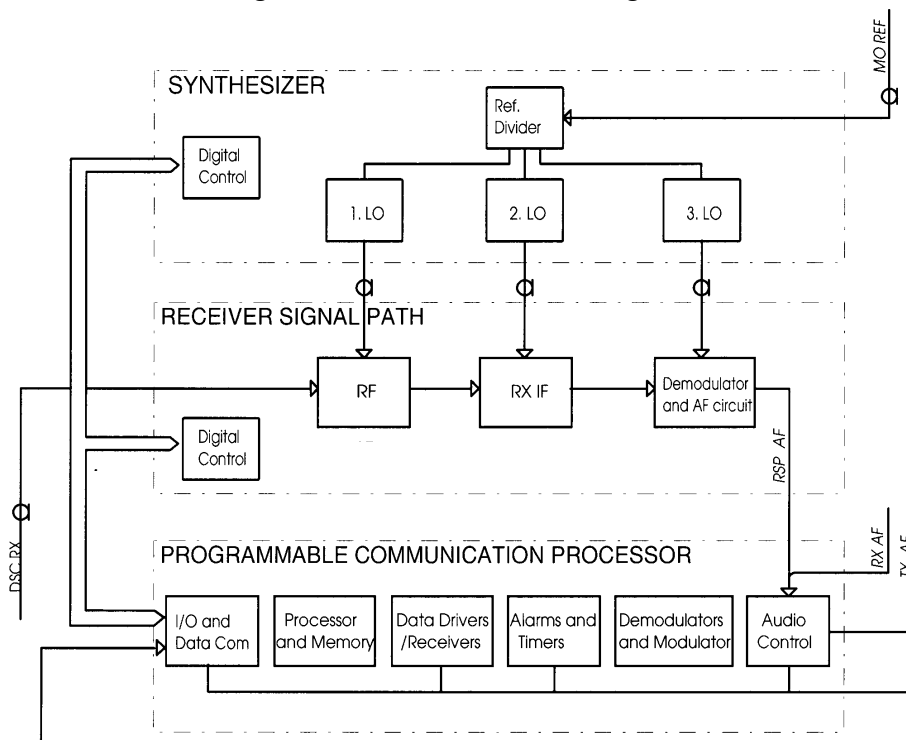
TELEX MODEM - DSC / TELEX MODEM BLOCK DIAGRAM



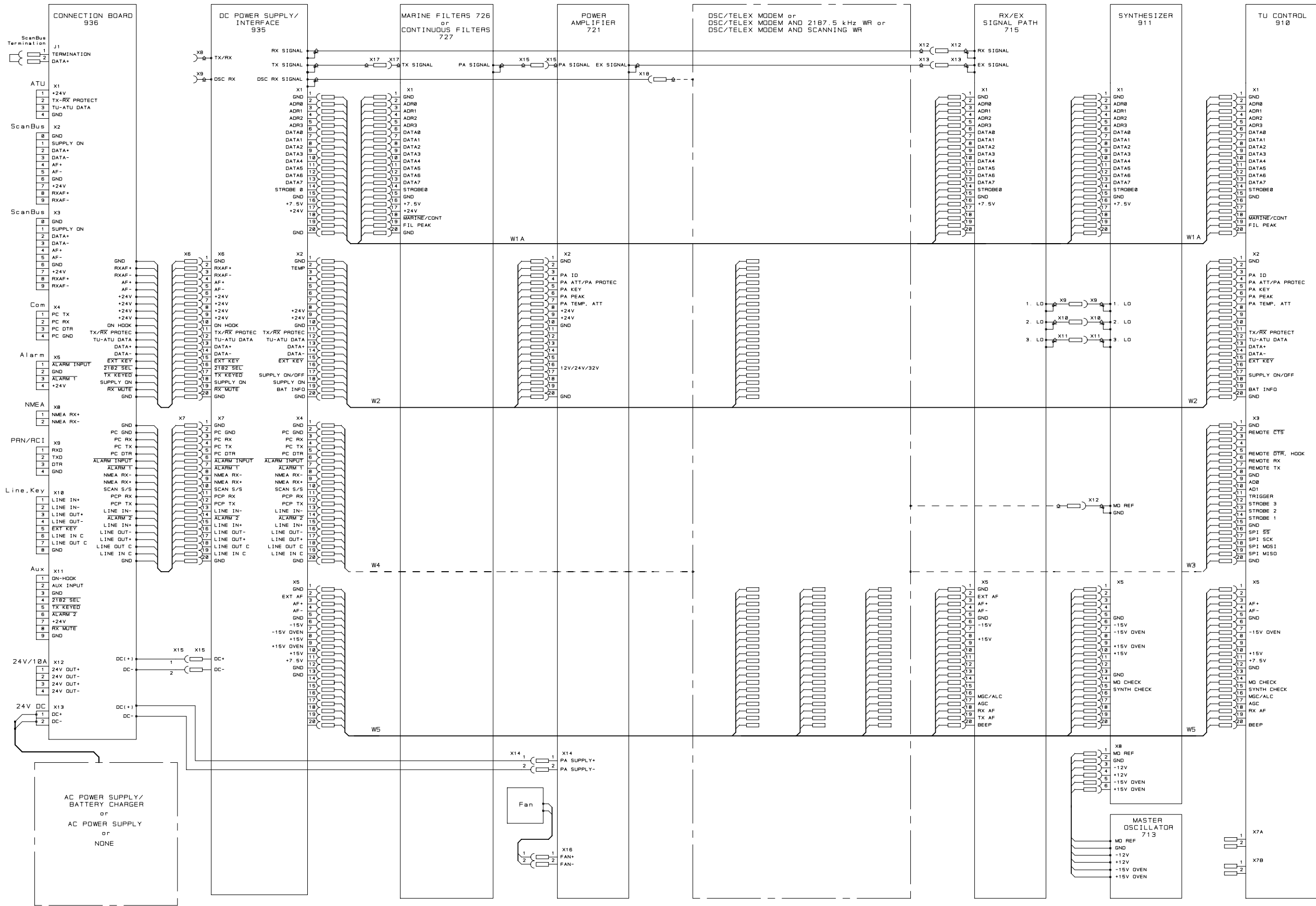
DSC / Telex Modem & 2187.5 kHz Watch Receiver block diagram



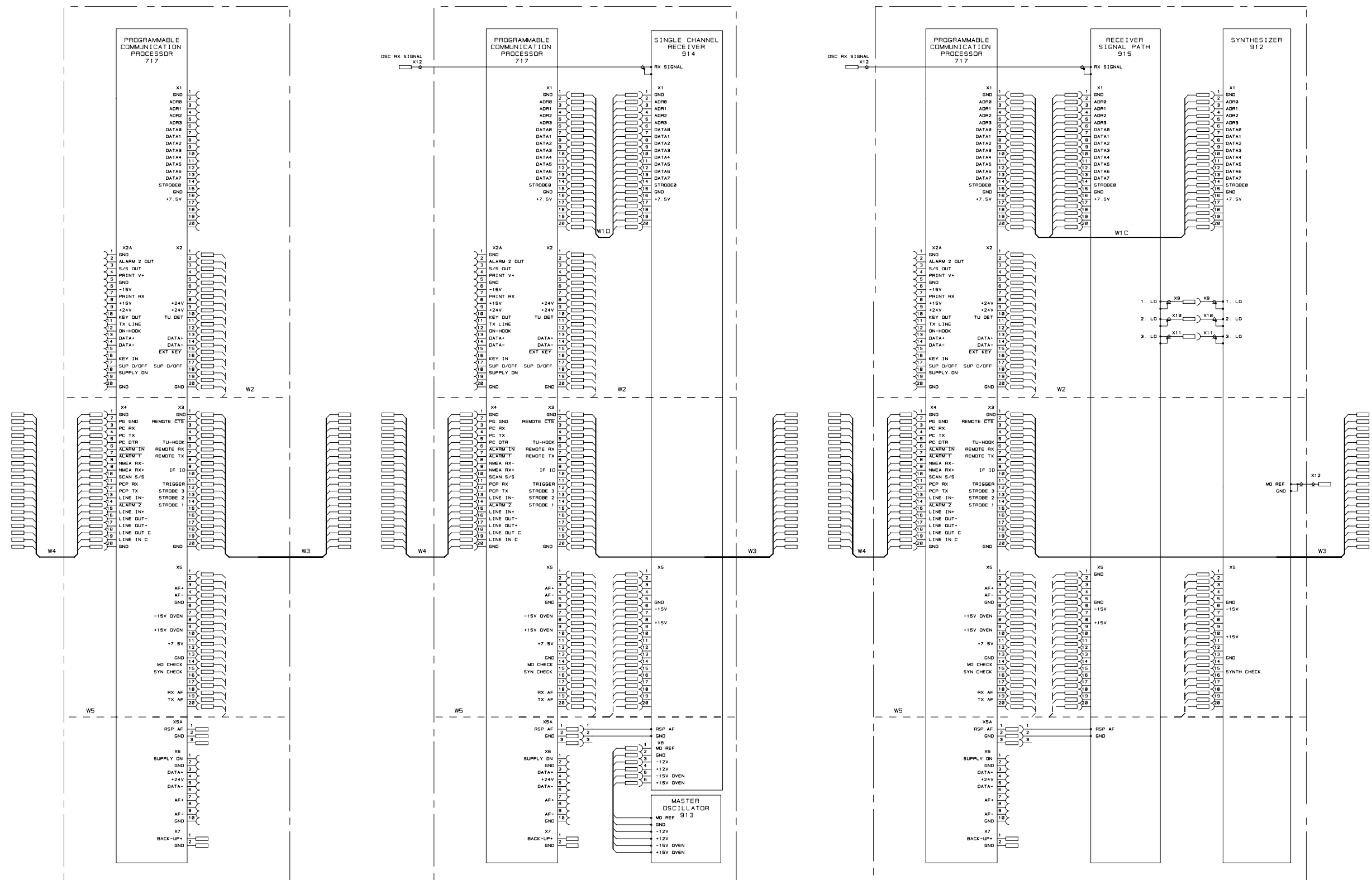
DSC / Telex Modem & Scanning Watch Receiver block diagram



TRANSCEIVER UNIT INTERCONNECTION DIAGRAM



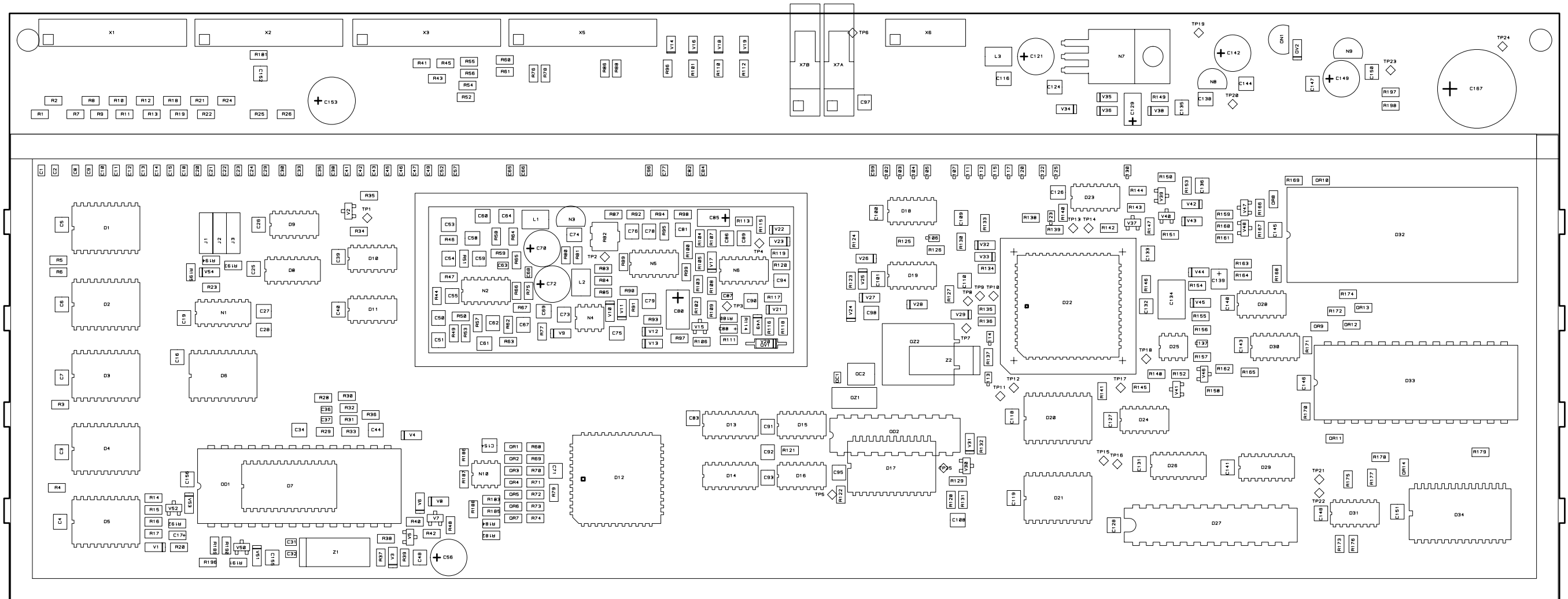
TRANSCEIVER UNIT OPTIONS INTERCONNECTION DIAGRAM



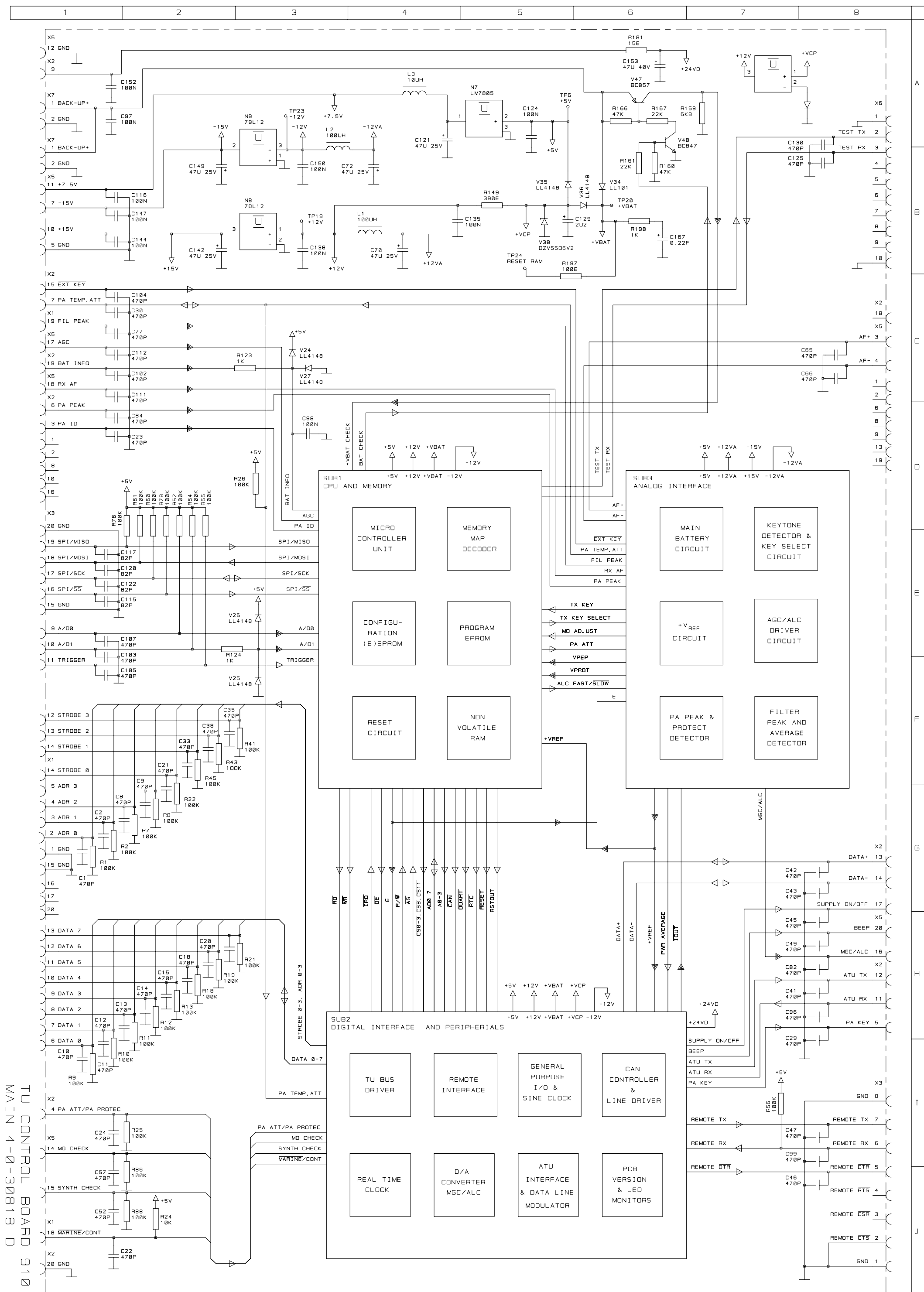
TELEX MODEM - DSC/TELEX MODEM
WIRING DIAGRAM

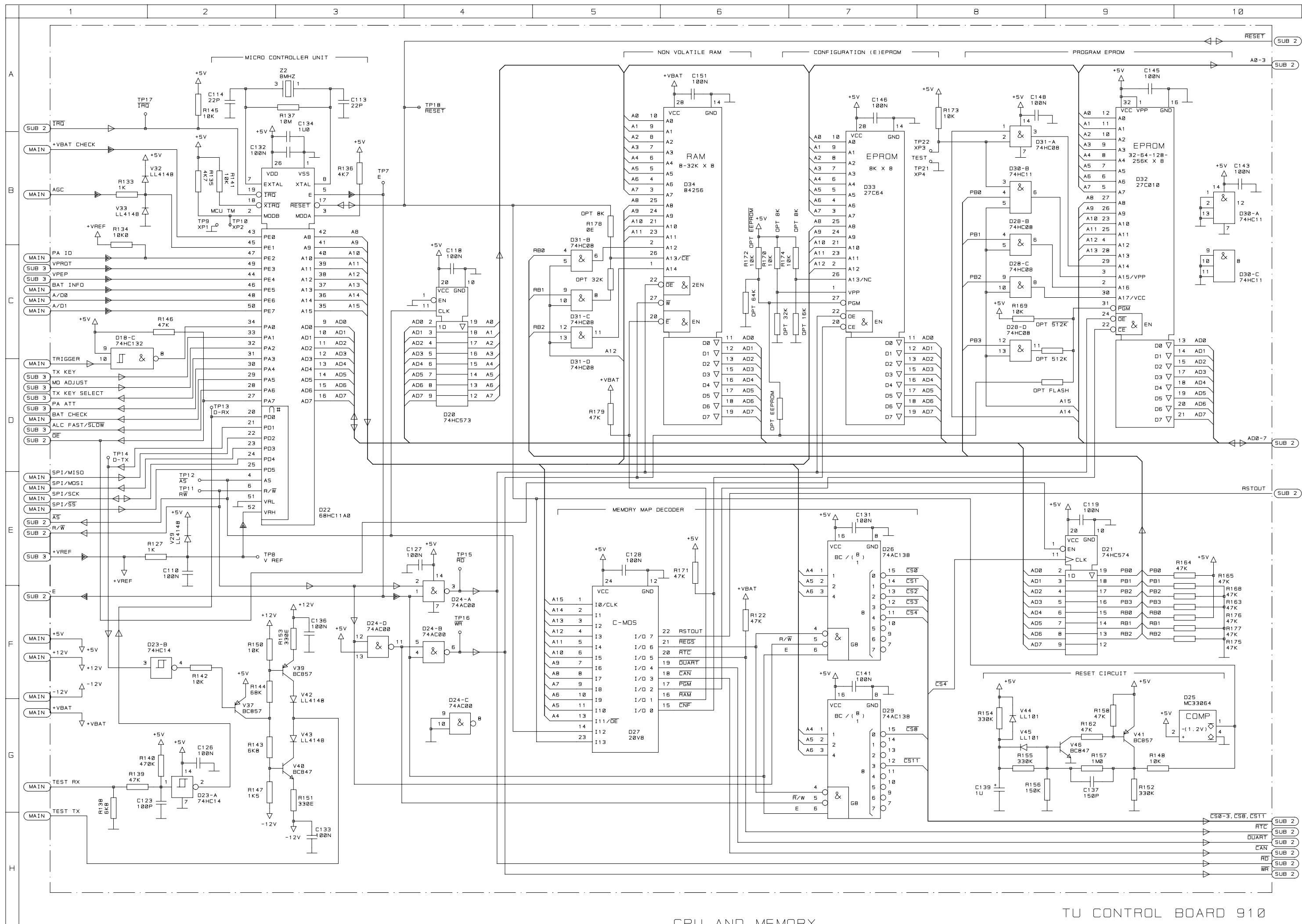
2187.5 kHz DSC WATCH RECEIVER WIRING DIAGRAM

SCANNING DSC WATCH RECEIVER
WIRING DIAGRAM



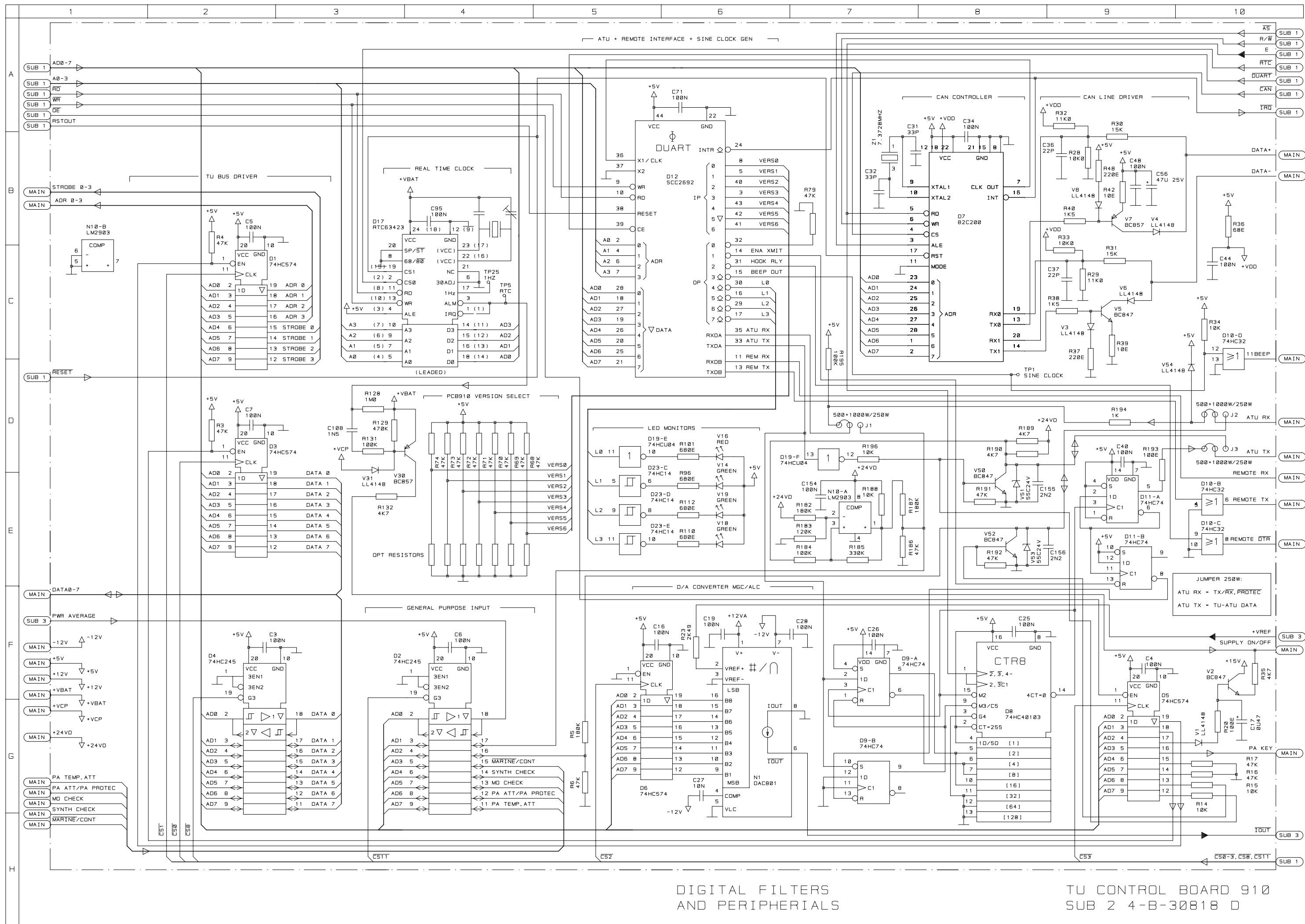
TU CONTROL BOARD 910
 5-6-30818 D
 VIEWED FROM TOP SIDE

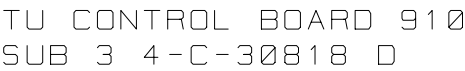




CPU AND MEMORY

TU CONTROL BOARD 910
SUB 1 4-A-30818 D





PARTS LIST

TU CONTROL BOARD 910			ECI A/S	5-6-30818D / 4-0-30818D	630818
POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
C1	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C2	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C3	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C4	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C5	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C6	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C7	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C8	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C9	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C10	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C11	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C12	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C13	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C14	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C15	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C16	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C17	CAPACITOR TANTALUM 3216	u47F 20% 25VDC	SPRAQE	293D 474 X0 025 A2T	67700000
C18	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C19	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C20	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C21	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C22	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C23	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C24	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C25	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C26	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C27	CAPACITOR CERAM. SMD 1210	10nF 10% X7R 50VDC	VITRAMON	VJ1210Y103KXAT	67102200
C28	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C29	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C30	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C31	CAPACITOR CERAM. SMD 0805	33pF 2% NPO 50VDC	VITRAMON	VJ0805A330GXAT	67005700
C32	CAPACITOR CERAM. SMD 0805	33pF 2% NPO 50VDC	VITRAMON	VJ0805A330GXAT	67005700
C33	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C34	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C35	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C36	CAPACITOR CERAM. SMD 0805	22pF 2% NPO 50VDC	VITRAMON	VJ0805A220GXAT	67002900
C37	CAPACITOR CERAM. SMD 0805	22pF 2% NPO 50VDC	VITRAMON	VJ0805A220GXAT	67002900
C38	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C39	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C40	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C41	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C42	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C43	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C44	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C45	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C46	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C47	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C48	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C49	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C50	CAPACITOR CERAM. SMD 1210	4n7F 2% NPO 50VDC	VITRAMON	VJ1210A472GXAT	67003000
C51	CAPACITOR CERAM. SMD 1210	4n7F 2% NPO 50VDC	VITRAMON	VJ1210A472GXAT	67003000
C52	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C53	CAPACITOR CERAM. SMD 1210	47nF 10% X7R 50VDC	VITRAMON	VJ1210Y473KXAT	67100900
C54	CAPACITOR CERAM. SMD 1210	2n2F 2% NPO 50VDC	VITRAMON	VJ1210A222GXAT	67004200
C55	CAPACITOR CERAM. SMD 1210	47nF 10% X7R 50VDC	VITRAMON	VJ1210Y473KXAT	67100900
C56	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C57	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C58	CAPACITOR CERAM. SMD 1210	2n2F 2% NPO 50VDC	VITRAMON	VJ1210A222GXAT	67004200
C59	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C60	CAPACITOR CERAM. SMD 1210	2n2F 2% NPO 50VDC	VITRAMON	VJ1210A222GXAT	67004200
C61	CAPACITOR CERAM. SMD 1210	47nF 10% X7R 50VDC	VITRAMON	VJ1210Y473KXAT	67100900
C62	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C63	CAPACITOR CERAM. SMD 0805	100pF 2% NPO 50VDC	VITRAMON	VJ0805A101GXAT(M)	67005500
C64	CAPACITOR CERAM. SMD 1210	2n2F 2% NPO 50VDC	VITRAMON	VJ1210A222GXAT	67004200
C65	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C66	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C67	CAPACITOR CERAM. SMD 1210	4n7F 2% NPO 50VDC	VITRAMON	VJ1210A472GXAT	67003000
C68	CAPACITOR CERAM. SMD 0805	100pF 2% NPO 50VDC	VITRAMON	VJ0805A101GXAT(M)	67005500

PARTSLIST

POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
C69	CAPACITOR CERAM. SMD 1210	4n7F 2% NPO 50VDC	VITRAMON	VJ1210A472GXAT	67003000
C70	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C71	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C72	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C73	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C74	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C75	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C76	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C77	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C78	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C79	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C80	CAPACITOR TANTALUM	10uF 10% 25VDC	SIEMENS	B45196-B5106-K409	67700300
C81	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C82	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C83	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C84	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C85	CAPASITOR TANTALUM 6032	2u2F 10% 35VDC	SPRAGUE	293D 225 X9 035 C2T	67700500
C86	CAPACITOR CERAM. SMD 1210	1n0F 10% NPO 63VDC	VITRAMON	VJ1210A102KXAT	67008500
C87	CAPACITOR CERAM. SMD 0805	100pF 2% NPO 50VDC	VITRAMON	VJ0805A101GXAT(M)	67005500
C88	CAPACITOR TANTALUM 3216	u47F 20% 25VDC	SPRAQE	293D 474 X0 025 A2T	67700000
C89	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C90	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C91	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C92	CAPACITOR CERAM. SMD 1210	1n0F 10% NPO 63VDC	VITRAMON	VJ1210A102KXAT	67008500
C93	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C94	CAPACITOR CERAM. SMD 1210	1n0F 10% NPO 63VDC	VITRAMON	VJ1210A102KXAT	67008500
C95	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C96	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C97	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C98	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C99	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C100	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C101	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C102	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C103	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C104	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C105	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C106	CAPACITOR CERAM. SMD 0805	100pF 2% NPO 50VDC	VITRAMON	VJ0805A101GXAT(M)	67005500
C107	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C108	CAPACITOR CERAM. SMD 1210	1n5F 2% NPO 50VDC	VITRAMON	VJ1210A152GXAT	67007800
C109	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C110	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C111	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C112	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C113	CAPACITOR CERAM. SMD 0805	22pF 2% NPO 50VDC	VITRAMON	VJ0805A220GXAT	67002900
C114	CAPACITOR CERAM. SMD 0805	22pF 2% NPO 50VDC	VITRAMON	VJ0805A220GXAT	67002900
C115	CAPACITOR CERAM. SMD 0805	82pF 2% NPO 50VDC	VITRAMON	VJ0805A820GXAT(M)	67003900
C116	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C117	CAPACITOR CERAM. SMD 0805	82pF 2% NPO 50VDC	VITRAMON	VJ0805A820GXAT(M)	67003900
C118	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C119	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C120	CAPACITOR CERAM. SMD 0805	82pF 2% NPO 50VDC	VITRAMON	VJ0805A820GXAT(M)	67003900
C121	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C122	CAPACITOR CERAM. SMD 0805	82pF 2% NPO 50VDC	VITRAMON	VJ0805A820GXAT(M)	67003900
C123	CAPACITOR CERAM. SMD 0805	100pF 2% NPO 50VDC	VITRAMON	VJ0805A101GXAT(M)	67005500
C124	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C125	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C126	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C127	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C128	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C129	CAPASITOR TANTALUM 6032	2u2F 10% 35VDC	SPRAGUE	293D 225 X9 035 C2T	67700500
C130	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C131	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C132	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C133	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C134	CAPACITOR MKT	1u0F 10% 63VDC	WIMA	MKS2 1.0/10/63 VDC AMMO/	62261003
C135	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C136	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C137	CAPACITOR CERAM. SMD 0805	150pF 2% NPO 50VDC	AVX	CM 21 CG 151 G 50 A T	67004900
C138	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C139	CAPACITOR TANTALUM 3528	1u0F 20% 35VDC	ERO	CB 105035 M E17	67700100
C140	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C141	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C142	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702

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POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
C143	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C144	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C145	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C146	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C147	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C148	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C149	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C150	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C151	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C152	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C153	CAPACITOR ELECTROLYTIC	47uF -20+50% 40VDC	PHILIPS	2222-116-31479	65274701
C154	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C155	CAPACITOR CERAM. SMD 1210	2n2F 2% NP0 50VDC	VITRAMON	VJ1210A222GXAT	67004200
C156	CAPACITOR CERAM. SMD 1210	2n2F 2% NP0 50VDC	VITRAMON	VJ1210A222GXAT	67004200
C167	ELECTROLYTIC CAPACITOR	0.22F 5.5VDC,DOUBLE LAYER	PANASONIC	EECF5R5U224	14.827
D1	OCTAL D-FF POS. EDGE TRIG	74HC574	TEXAS	SN74HC574DWR	85980400
D2	OCTAL BUS TRANSCEIVER	74HC245	TEXAS	SN74HC245DW R	85981500
D3	OCTAL D-FF POS. EDGE TRIG	74HC574	TEXAS	SN74HC574DWR	85980400
D4	OCTAL BUS TRANSCEIVER	74HC245	TEXAS	SN74HC245DW R	85981500
D5	OCTAL D-FF POS. EDGE TRIG	74HC574	TEXAS	SN74HC574DWR	85980400
D6	OCTAL D-FF POS. EDGE TRIG	74HC574	TEXAS	SN74HC574DWR	85980400
D7	STAND-ALONE CAN CONTROLLE	SJA1000	PHILIPS	SJA1000T/N1 TAPE & REEL	356.625
D8	8-BIT SYNCR. BINARY DOWN	COUNTER, 74HC40103	SGS	M74HC40103M 1R	85982900
D9	DUAL D-FF SET/RESET	74HC74	MOTOROLA	MC74HC74D R2	355.223
D10	QUAD 2-INPUT OR GATE	74HC32(A)	NATIONAL	MM74HC32M TAPE & REEL	85980600
D11	DUAL D-FF SET/RESET	74HC74	MOTOROLA	MC74HC74D R2	355.223
D12	DUAL ASYNCHRONOUS RX/TX		PHILIPS	SCC2692AC1A44	85961500
D13	8-BIT SYNCR. BINARY DOWN	COUNTER, 74HC40103	SGS	M74HC40103M 1R	85982900
D14	8-BIT SYNCR. BINARY DOWN	COUNTER, 74HC40103	SGS	M74HC40103M 1R	85982900
D15	DUAL D-FF SET/RESET	74HC74	MOTOROLA	MC74HC74D R2	355.223
D16	DUAL D-FF SET/RESET	74HC74	MOTOROLA	MC74HC74D R2	355.223
D17	REAL TIME CLOCK	RTC 63423A	SEIKO EPSON	RTC-63423A	357.375
D18	QUAD 2-INP. NAND GATE	SCHMITT TRIG. 74HC132(A)	MOTOROLA	MC74HC132AD R1(R2)	85982000
D19	HEX INVERTER UNBUFFERED	74HCU04	TEXAS	SN74HCU04D R	85981200
D20	OCTAL D-TYPE LATCH 3-STAT	74HC573	TEXAS	SN74HC573DW	85980200
D21	OCTAL D-FF POS. EDGE TRIG	74HC574	TEXAS	SN74HC574DWR	85980400
D22	8 BIT CPU	68HC11	MOTOROLA	MOT: MC 68HC11A0FN	85960800
D23	HEX SCHMITT-TRIG INVERTER	74HC14(A)	TEXAS	SN74HC14D R	85980300
D24	QUAD 2-INPUT NAND GATE	74AC00	NATIONAL	74AC00S.CX	355.350
D25	UNDERVOLTAGE SENSING CIRC	MC33064	MOTOROLA	MC33064D-5 R2(R1)	85870600
D26	3 TO 8 LINE DECODER INV	74AC138	HARRIS	CD74AC138M96	355.362
D27	PROG. PAL, D27/630818		ECI A/S	0-0-31491	731491
D28	QUAD 2-INPUT AND GATE	74HC08	NATIONAL	MM74HC08M TAPE & REEL	85982100
D29	3 TO 8 LINE DECODER INV	74AC138	HARRIS	CD74AC138M96	355.362
D30	TRIPLE 3-INPUT AND GATE	74HC11	MOTOROLA	MC74HC11D R1(R2)	85982400
D31	QUAD 2-INPUT AND GATE	74HC08	NATIONAL	MM74HC08M TAPE & REEL	85982100
D32	PROM D32 FOR 630818	TU CONTROL BOARD 910	ECI A/S	0-0-31651A	731651
D33	INTEGRATED CIRCUIT	UVEPROM 8kx8 Taa<=200nSec	AMD	AM27C64-200DC(DI)	85027642
D34	SRAM 8kx8 Taa<=150nSECS		UMC	UM6264BM-10LL (-70LL)	85960900
X1	SOCKET 2x10 POLES	RIGHTANGLE PCB VERSION	AMP	9-215460-0 / 2-215460-0	75602004
X2	SOCKET 2x10 POLES	RIGHTANGLE PCB VERSION	AMP	9-215460-0 / 2-215460-0	75602004
X3	SOCKET 2x10 POLES	RIGHTANGLE PCB VERSION	AMP	9-215460-0 / 2-215460-0	75602004
X5	SOCKET 2x10 POLES	RIGHTANGLE PCB VERSION	AMP	9-215460-0 / 2-215460-0	75602004
X6	SOCKET 2X5 POLES u-MATCH	RIGHT ANGLE PCB VERSION	AMP	1-0215460-0	75601004
X7A	PLUG 2 POLES RIGHT ANGLE		MOLEX	7395-02B	75000164
X7B	PLUG 2 POLES RIGHT ANGLE		MOLEX	7395-02B	75000164
J1	SIL SQUARE PINS	3 POLES CC=1/10"	AMP	0-826629-3 (0-826647-3)	78.323
J2	SIL SQUARE PINS	3 POLES CC=1/10"	AMP	0-826629-3 (0-826647-3)	78.323
J3	SIL SQUARE PINS	3 POLES CC=1/10"	AMP	0-826629-3 (0-826647-3)	78.323
L1	CHOKE FIXED SMD 1812	100uH 10%	PANASONIC	ELJ FB 101 K F	74101600
L2	CHOKE FIXED SMD 1812	100uH 10%	PANASONIC	ELJ FB 101 K F	74101600
L3	CHOKE FIXED SMD 1812	10uH 10%	PANASONIC	ELJ-FB100KF	74101200
R1	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R2	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R3	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R4	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R5	RESISTOR SMD 1206	180k OHM 5% 0.25W	ROHM	MCR18	57004000
R6	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R7	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R8	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R9	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R10	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R11	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R12	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100

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POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
R13	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R14	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R15	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R16	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R17	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R18	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R19	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R20	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R21	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R22	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R23	RESISTOR SMD 1206	2k49 OHM 1% 0.25W	ROHM	MCR18	57103200
R24	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R25	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R26	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R28	RESISTOR SMD 1206	10k0 OHM 1% 0.25W	ROHM	MCR18	57100100
R29	RESISTOR SMD 1206	11k0 OHM 1% 0.25W	ROHM	MCR18	57105200
R30	RESISTOR SMD 1206	15k OHM 5% 0.25W	ROHM	MCR18	57004600
R31	RESISTOR SMD 1206	15k OHM 5% 0.25W	ROHM	MCR18	57004600
R32	RESISTOR SMD 1206	11k0 OHM 1% 0.25W	ROHM	MCR18	57105200
R33	RESISTOR SMD 1206	10k0 OHM 1% 0.25W	ROHM	MCR18	57100100
R34	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R35	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R36	RESISTOR SMD 1206	68 OHM 5% 0.25W	ROHM	MCR18	57000800
R37	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R38	RESISTOR SMD 1206	1k5 OHM 5% 0.25W	DRALORIC	CR 1206 L 152 J G4	303.050
R39	RESISTOR SMD 1206	10 OHM 5% 0.25W	ROHM	MCR18	57004800
R40	RESISTOR SMD 1206	1k5 OHM 5% 0.25W	DRALORIC	CR 1206 L 152 J G4	303.050
R41	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R42	RESISTOR SMD 1206	10 OHM 5% 0.25W	ROHM	MCR18	57004800
R43	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R44	RESISTOR SMD 1206	1k78 OHM 1% 0.125W	PHILIPS	2322 724 21782	303.394
R45	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R46	RESISTOR SMD 1206	23k7 OHM 1% 0.25W	ROHM	MCR18	57105300
R47	RESISTOR SMD 1206	23k7 OHM 1% 0.25W	ROHM	MCR18	57105300
R48	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R49	RESISTOR SMD 1206	1k78 OHM 1% 0.125W	PHILIPS	2322 724 21782	303.394
R50	RESISTOR SMD 1206	2k87 OHM 1% 0.25W	ROHM	MCR18	57105000
R51	RESISTOR SMD 1206	301 OHM 1% 0.25W	ROHM	MCR18	57102600
R52	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R53	RESISTOR SMD 1206	1k15 OHM 1% 0.25W	ROHM	MCR18	57104700
R54	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R55	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R56	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R57	RESISTOR SMD 1206	1k78 OHM 1% 0.125W	PHILIPS	2322 724 21782	303.394
R58	RESISTOR SMD 1206	12k OHM 5% 0.25W	ROHM	MCR18	57002900
R59	RESISTOR SMD 1206	39k OHM 5% 0.25W	ROHM	MCR18	57003400
R60	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R61	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R62	RESISTOR SMD 1206	1k78 OHM 1% 0.125W	PHILIPS	2322 724 21782	303.394
R63	RESISTOR SMD 1206	1k78 OHM 1% 0.125W	PHILIPS	2322 724 21782	303.394
R64	RESISTOR SMD 1206	12k OHM 5% 0.25W	ROHM	MCR18	57002900
R65	RESISTOR SMD 1206	39k OHM 5% 0.25W	ROHM	MCR18	57003400
R66	RESISTOR SMD 1206	2k87 OHM 1% 0.25W	ROHM	MCR18	57105000
R67	RESISTOR SMD 1206	1k78 OHM 1% 0.125W	PHILIPS	2322 724 21782	303.394
R68	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R69	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R70	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R71	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R72	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R73	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R74	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R75	RESISTOR SMD 1206	1k15 OHM 1% 0.25W	ROHM	MCR18	57104700
R76	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R77	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R78	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R79	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R80	RESISTOR SMD 1206	2k2 OHM 5% 0.25W	ROHM	MCR18	57002000
R81	RESISTOR SMD 1206	3k3 OHM 5% 0.25W	ROHM	MCR18	57002200
R82	PRESET SEALED	2k0 OHM 20% 1/4W	BOURNS	3374X-1-202-E	57300500
R83	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R84	RESISTOR SMD 1206	10k0 OHM 1% 0.25W	ROHM	MCR18	57100100
R85	RESISTOR SMD 1206	10k0 OHM 1% 0.25W	ROHM	MCR18	57100100
R86	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R87	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800

PARTSLIST

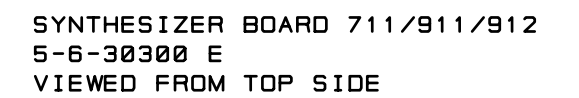
POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
R88	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R89	RESISTOR SMD 1206	220k OHM 5% 0.25W	ROHM	MCR18	57004300
R90	RESISTOR SMD 1206	220k OHM 5% 0.25W	ROHM	MCR18	57004300
R91	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R92	RESISTOR SMD 1206	20k5 OHM 1% 0.25W	ROHM	MCR18	57103800
R93	RESISTOR SMD 1206	27k OHM 5% 0.25W	ROHM	MCR18	57003200
R94	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R95	RESISTOR SMD 1206	18k OHM 5% 0.25W	ROHM	MCR18	57003000
R96	RESISTOR SMD 1206	680 OHM 5% 0.25W	ROHM	MCR18	57007300
R97	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R98	RESISTOR SMD 1206	33k OHM 5% 0.25W	ROHM	MCR18	57003300
R99	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R100	RESISTOR SMD 1206	56k OHM 5% 0.25W	ROHM	MCR18	57003600
R101	RESISTOR SMD 1206	680 OHM 5% 0.25W	ROHM	MCR18	57007300
R102	RESISTOR SMD 1206	56k OHM 5% 0.25W	ROHM	MCR18	57003600
R103	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R104	RESISTOR SMD 1206	330k OHM 5% 0.25W	ROHM	MCR18	57004400
R105	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R106	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R107	RESISTOR SMD 1206	22k6 OHM 1% 0.25W	ROHM	MCR18	57107500
R108	RESISTOR SMD 1206	5k11 OHM 1% 0.25W	ROHM	MCR18	57105800
R109	RESISTOR SMD 1206	3k9 OHM 5% 0.25W	ROHM	MCR18	57002300
R110	RESISTOR SMD 1206	680 OHM 5% 0.25W	ROHM	MCR18	57007300
R111	RESISTOR SMD 1206	470k OHM 5% 0.25W	ROHM	MCR18	57004500
R112	RESISTOR SMD 1206	680 OHM 5% 0.25W	ROHM	MCR18	57007300
R113	RESISTOR SMD 1206	7k87 OHM 1% 0.25W	ROHM	MCR18	57113000
R114	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R115	RESISTOR SMD 1206	1k00 OHM 1% 0.25W	ROHM	MCR18	57107900
R116	RESISTOR SMD 1206	5k6 OHM 5% 0.25W	ROHM	MCR18 EZH J 562	57002500
R117	RESISTOR SMD 1206	133k OHM 1% 0.25W	ROHM	MCR18	57100700
R118	RESISTOR SMD 1206	10k0 OHM 1% 0.25W	ROHM	MCR18	57100100
R119	RESISTOR SMD 1206	3k01 OHM 1% 0.25W	ROHM	MCR18	57105700
R120	RESISTOR SMD 1206	3k65 OHM 1% 0.25W	ROEDERSTEIN	D253K65FCS	57108800
R121	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R122	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R123	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R124	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R125	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R126	RESISTOR SMD 1206	220k OHM 5% 0.25W	ROHM	MCR18	57004300
R127	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R128	RESISTOR SMD 1206	1M0 OHM 5% 0.25W	ROHM	MCR18	57005600
R129	RESISTOR SMD 1206	470k OHM 5% 0.25W	ROHM	MCR18	57004500
R130	RESISTOR SMD 1206	68k OHM 5% 0.25W	ROHM	MCR18	57003700
R131	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R132	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R133	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R134	RESISTOR SMD 1206	10k0 OHM 1% 0.25W	ROHM	MCR18	57100100
R135	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R136	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R137	RESISTOR SMD 1206	10M OHM 10% 0.25W	ROHM	MCR18	57005200
R138	RESISTOR SMD 1206	6k8 OHM 5% 0.25W	ROHM	MCR18 EZH J 682	57002600
R139	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R140	RESISTOR SMD 1206	470k OHM 5% 0.25W	ROHM	MCR18	57004500
R141	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R142	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R143	RESISTOR SMD 1206	6k8 OHM 5% 0.25W	ROHM	MCR18 EZH J 682	57002600
R144	RESISTOR SMD 1206	68k OHM 5% 0.25W	ROHM	MCR18	57003700
R145	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R146	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R147	RESISTOR SMD 1206	1k5 OHM 5% 0.25W	DRALORIC	CR 1206 L 152 J G4	303.050
R148	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R149	RESISTOR SMD 1206	390 OHM 5% 0.25W	ROHM	MCR18	57006000
R150	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R151	RESISTOR SMD 1206	330 OHM 5% 0.25W	ROHM	MCR18	57007200
R152	RESISTOR SMD 1206	330k OHM 5% 0.25W	ROHM	MCR18	57004400
R153	RESISTOR SMD 1206	330 OHM 5% 0.25W	ROHM	MCR18	57007200
R154	RESISTOR SMD 1206	330k OHM 5% 0.25W	ROHM	MCR18	57004400
R155	RESISTOR SMD 1206	330k OHM 5% 0.25W	ROHM	MCR18	57004400
R156	RESISTOR SMD 1206	150k OHM 5% 0.25W	ROHM	MCR18	57003900
R157	RESISTOR SMD 1206	1M0 OHM 5% 0.25W	ROHM	MCR18	57005600
R158	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R159	RESISTOR SMD 1206	6k8 OHM 5% 0.25W	ROHM	MCR18 EZH J 682	57002600
R160	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R161	RESISTOR SMD 1206	22k OHM 5% 0.25W	ROHM	MCR18	57003100

PARTSLIST

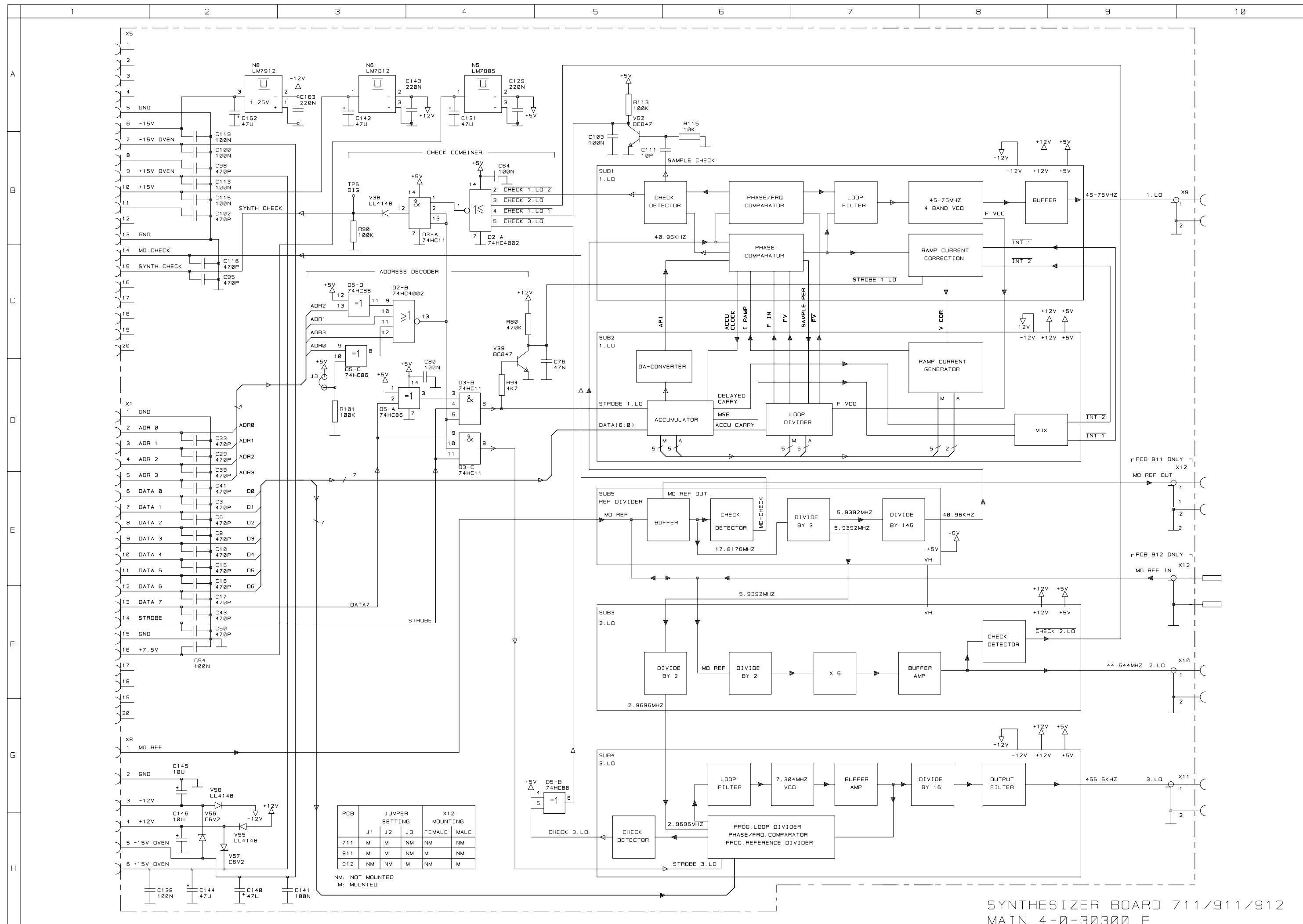
POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
R162	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R163	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R164	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R165	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R166	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R167	RESISTOR SMD 1206	22k OHM 5% 0.25W	ROHM	MCR18	57003100
R168	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R169	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R170	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R171	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R172	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R173	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R174	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R175	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R176	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R177	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R178	RESISTOR SMD 1206	0 OHM	ROHM	MCR18	57006300
R179	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R180	RESISTOR SMD 1206	330 OHM 5% 0.25W	ROHM	MCR18	57007200
R181	RESISTOR SMD 1206	15R OHM 5% 0.25W	ROHM	MCR18 EZH J 150	57007000
R182	RESISTOR SMD 1206	180k OHM 5% 0.25W	ROHM	MCR18	57004000
R183	RESISTOR SMD 1206	120k OHM 0.25W	ROHM	MCR18	57004200
R184	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R185	RESISTOR SMD 1206	330k OHM 5% 0.25W	ROHM	MCR18	57004400
R186	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R187	RESISTOR SMD 1206	180k OHM 5% 0.25W	ROHM	MCR18	57004000
R188	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R189	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R190	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R191	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R192	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R193	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R194	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R195	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R196	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R197	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R198	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
V1	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V2	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V3	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V4	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V5	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V6	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V7	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V8	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V9	DIODE ZENER	4V7 V 5% 0.5W SOD-80	PHILIPS	BZV55 C4V7	83731000
V10	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V11	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V12	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V13	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V14	LED SMD 1206 GREEN	20mCd/20mA, CL150G	CITIZEN	CL150GCD	83760200
V15	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V16	LED SMD 1206 RED	7mCd/20mA, CL150UR	CITIZEN	CL150URCD	83760000
V17	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V18	LED SMD 1206 GREEN	20mCd/20mA, CL150G	CITIZEN	CL150GCD	83760200
V19	LED SMD 1206 GREEN	20mCd/20mA, CL150G	CITIZEN	CL150GCD	83760200
V20	DIODE ZENER 1.5V	BZV861V4, ZTE 1.5	PHILIPS	BZV 86 1V4	83246150
V21	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V22	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V23	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V24	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V25	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V26	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V27	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V28	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V29	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V30	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V31	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V32	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V33	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V34	DIODE SCHOTTKY	LL101A	ITT	LL101A(B,C) TAPE&REEL	83710100
V35	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V36	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V37	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000

PARTSLIST

POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
V38	DIODE ZENER 6.2V 2%	BZV55B6V2	PHILIPS	BZV55B6V2 SOD80	83731500
V39	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V40	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V41	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V42	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V43	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V44	DIODE SCHOTTKY	LL101A	ITT	LL101A(B,C) TAPE&REEL	83710100
V45	DIODE SCHOTTKY	LL101A	ITT	LL101A(B,C) TAPE&REEL	83710100
V46	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V47	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V48	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V49	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V50	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V51	DIODE ZENER 24V 5%	BZV55C24, ZMM24	PHILIPS	BZV55C24	83730400
V52	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V53	DIODE ZENER 24V 5%	BZV55C24, ZMM24	PHILIPS	BZV55C24	83730400
V54	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
N10	DUAL VOLTAGE COMPERATOR	LM2903	MOTOROLA	LM2903DR2(R1) REDESIGNES/931122/JH-MOT	85890100
N1	8 BIT D/A CONVERTER	DAC08,DAC0801	NATIONAL	DAC0801LCM	351.805
N2	QUAD J-FET OP AMP SO14	TL074C		ST TL 074 CFP	85810200
N3	DIODE REFERENCE 6.9V	LM329D	NATIONAL	LM329DZ	83003290
N4	DUAL J-FET OP AMP SO8	LF353, TL072	TEXAS	TL072CDR	85810400
N5	QUAD OP AMP	LM348	NATIONAL	LM348MX	85810600
N6	QUAD J-FET OP AMP SO14	TL074C		ST TL 074 CFP	85810200
N7	VOLTAGE REGULATOR FIXED	5V/1A, MC7805, LM340T-5.0	MOTOROLA	MC7805CT (MC7805BT)	31.250
N8	VOLTAGE REGULATOR	12V 5% 0.1A 78L12AC	MOTOROLA	MC78L12ACP RA	31.139
N9	VOLTAGE REGULATOR	-12V/0.1A, LM78L12AC	MOTOROLA	MC79L12ACP RA	85079121
Z1	CRYSTAL 7.3728MHz 50ppm		JAUCH	SMQ737(7,3728MHZ)	81250400
Z2	XTAL 8.000MHz 100ppm		JAUCH	SMQ-MG3A 8MHz 30pF 100ppm	81250100

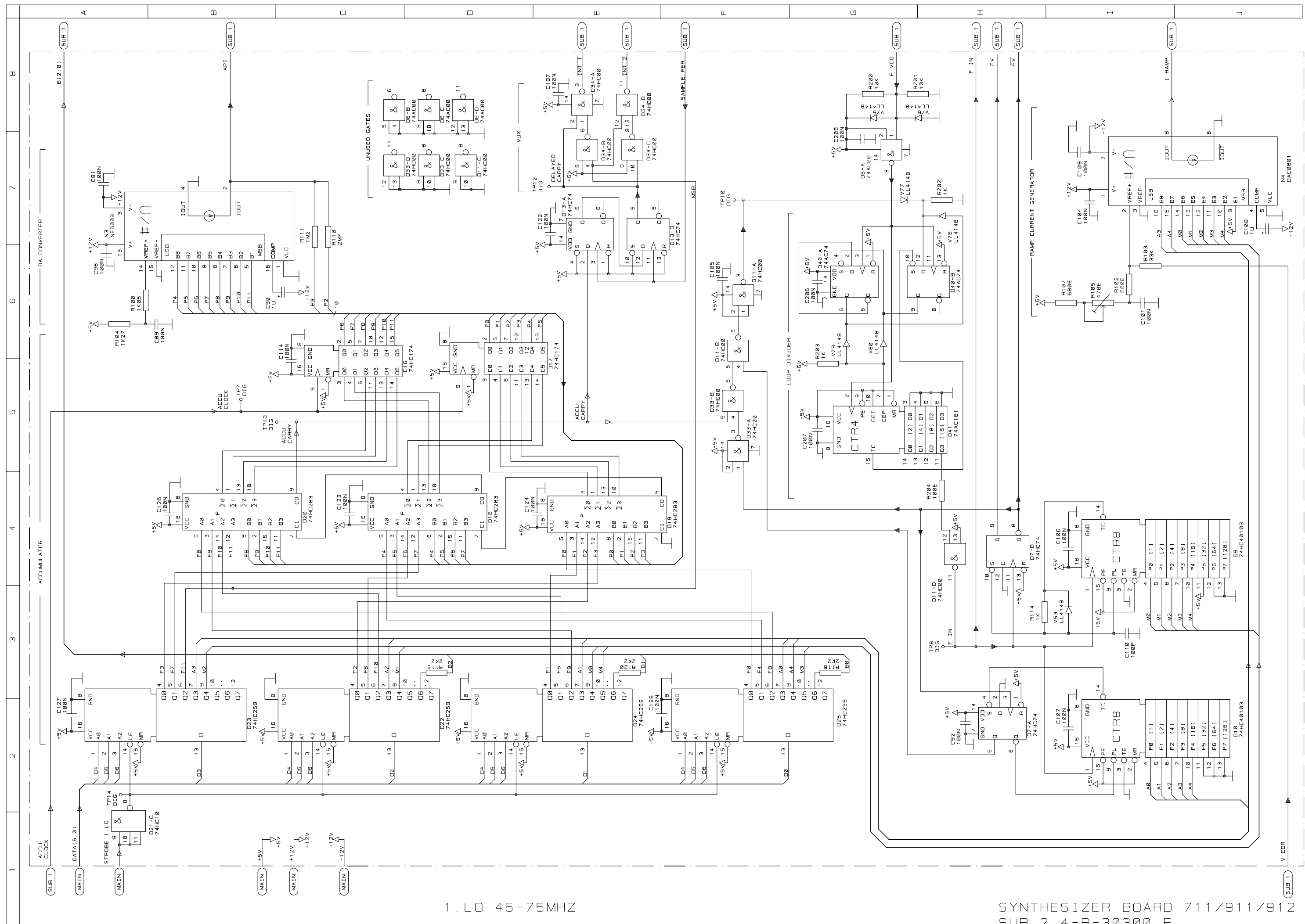


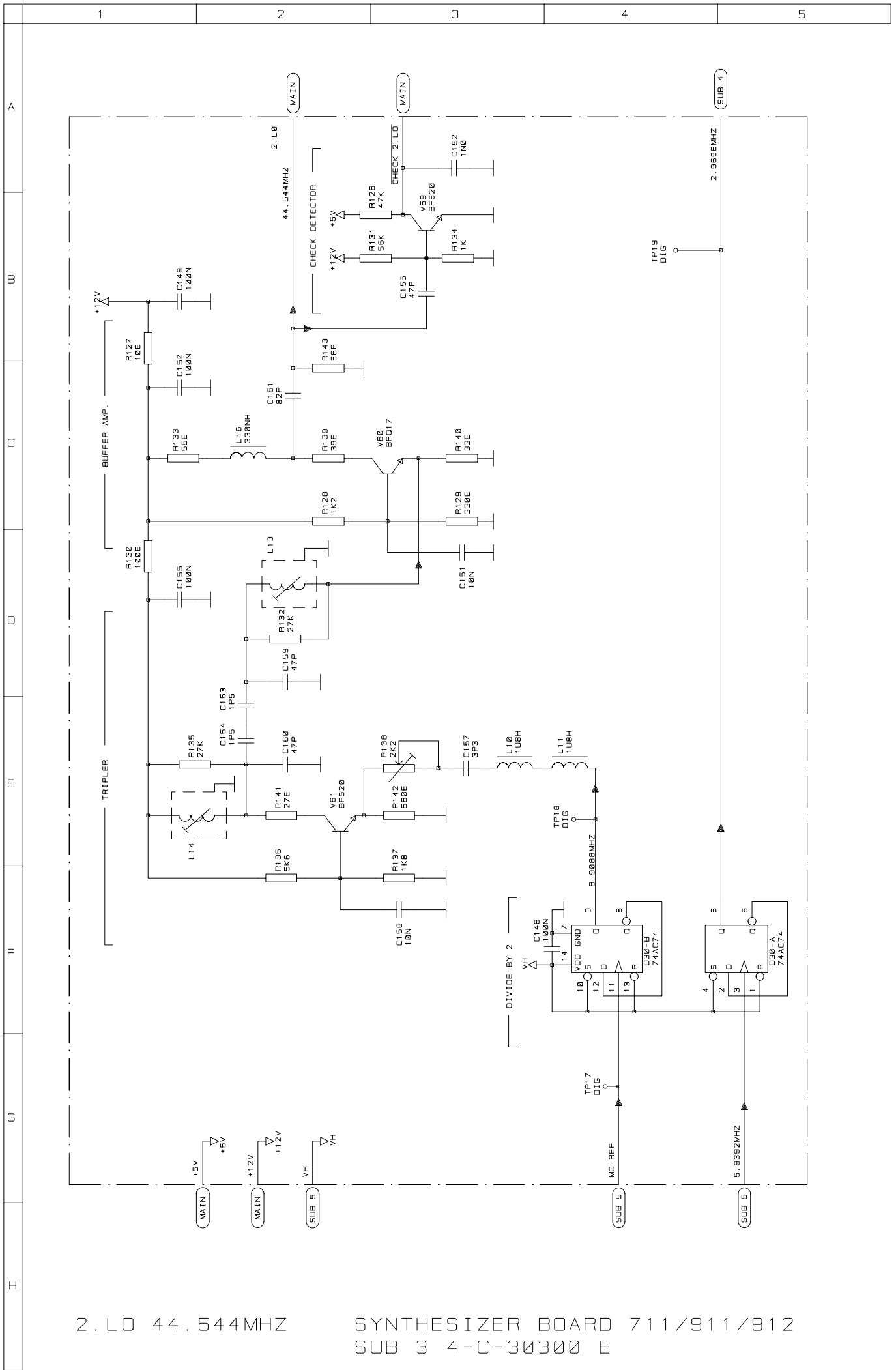
SYNTHESIZER BOARD 711/911/912
5-6-30300 E
VIEWED FROM TOP SIDE



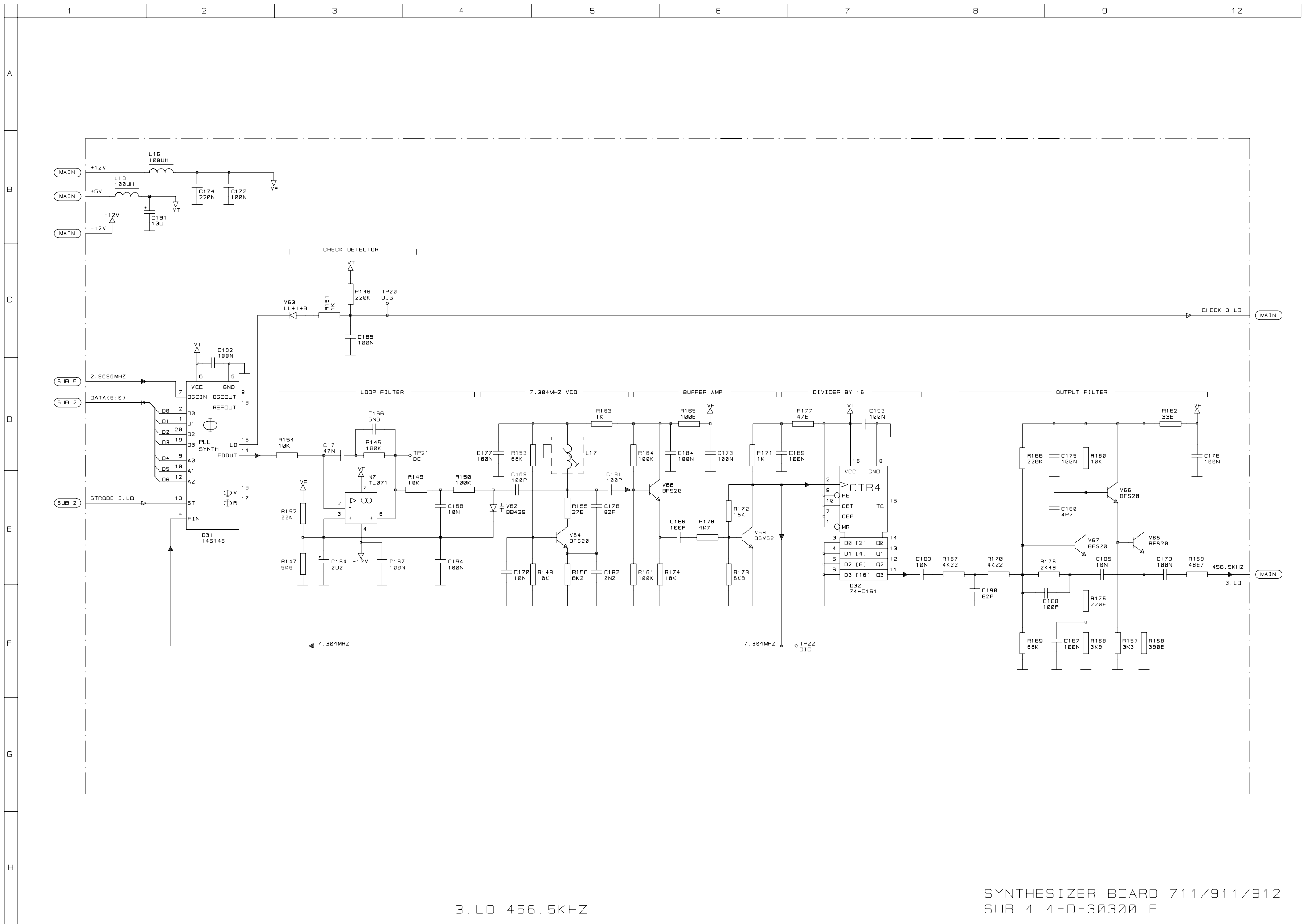
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MAIN 4-0-30300 E

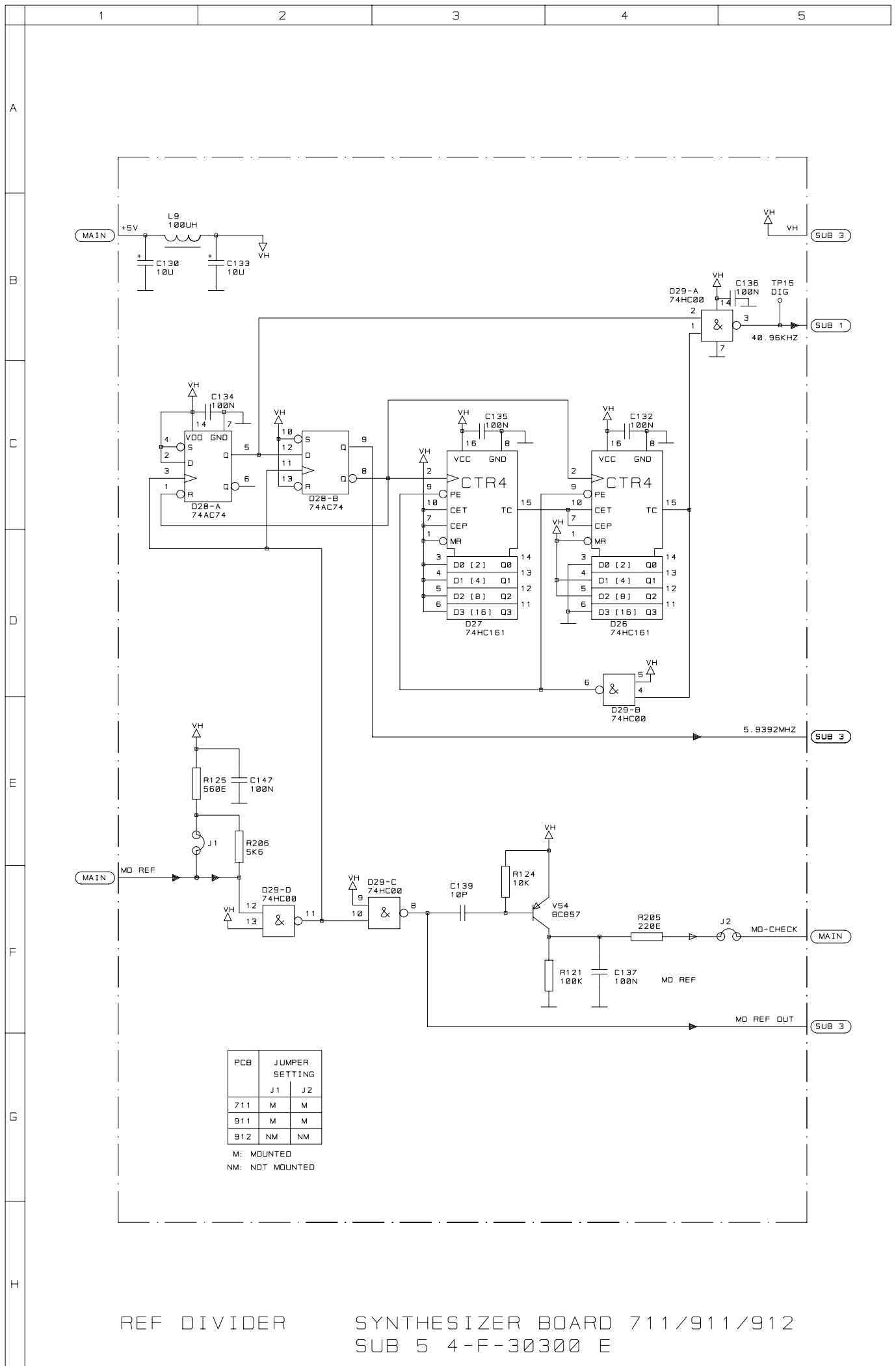






2. LO 44.544MHZ SYNTHESIZER BOARD 711/911/912
SUB 3 4-C-30300 E





PARTS LIST

SYNTHESIZER BOARD		711/911/912, BASE UNIT ECI A/S	5-6-30300E / 4-0-30300I	630300	
POSITION	DESCRIPTION	MANUFACTOR	TYPE	PART NO.	
C1	CAPACITOR CERAM. SMD 0805	47nF 10% X7R 50VDC	MURATA	GRM40 X7R 473 K 50 PT	328.344
C2	CAPACITOR CERAM. SMD 0805	47nF 10% X7R 50VDC	MURATA	GRM40 X7R 473 K 50 PT	328.344
C3	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C4	CAPACITOR MKT	100nF 10% 63VDC	PHILIPS	2222 370 75104 (78104)	11.136
C5	CAPASITOR TANTALUM 6032	2u2F 10% 35VDC	SPRAGUE	293D 225 X9 035 C2T	67700500
C6	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C7	CAPACITOR TANTALUM 3528	1u0F 20% 35VDC	ERO	CB 105035 M E17	67700100
C8	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C9	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C10	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C11	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C12	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C13	CAPACITOR CERAM. SMD 0805	1n0 5% NPO 50VDC	TDK	C2012 COG 1H 102 J T NiBa	323.098
C14	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C15	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C16	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C17	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C18	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C19	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C20	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C21	CAPACITOR CERAM. HIQ 0805	6p8F +/-0.25pF NPO 50VDC	VITRAMON	VJ0805 Q 6R8 C X A T	67009300
C22	CAPACITOR CERAM. SMD 0805	1n0 5% NPO 50VDC	TDK	C2012 COG 1H 102 J T NiBa	323.098
C23	CAPACITOR TANTALUM	10uF 10% 25VDC	SIEMENS	B45196-B5106-K409	67700300
C24	CAPACITOR TANTALUM	10uF 10% 25VDC	SIEMENS	B45196-B5106-K409	67700300
C25	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C26	CAPACITOR CERAM. SMD 0805	56pF 2% NPO 50VDC	AVX	CM21 CG 560 G 50 A T	67003100
C27	CAPACITOR CERAM. HIQ 0805	100pF 2% NPO 50VDC	VITRAMON	VJ0805 Q 101 G X A T	67005400
C28	CAPACITOR CERAM. HIQ 0805	6p8F +/-0.25pF NPO 50VDC	VITRAMON	VJ0805 Q 6R8 C X A T	67009300
C29	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C30	CAPACITOR CERAM. SMD 0805	33pF 2% NPO 50VDC	VITRAMON	VJ0805A330GXAT	67005700
C31	CAPACITOR CERAM. SMD 0805	100pF 2% NPO 50VDC	VITRAMON	VJ0805A101GXAT(M)	67005500
C32	CAPACITOR CERAM. SMD 0805	5p6F +/-0.25pF NPO 50VDC	VITRAMON	VJ0805A5R6CFAT	67005600
C33	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C34	CAPACITOR TANTALUM	10uF 10% 25VDC	SIEMENS	B45196-B5106-K409	67700300
C35	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C36	CAPACITOR CERAM. HIQ 0805	6p8F +/-0.25pF NPO 50VDC	VITRAMON	VJ0805 Q 6R8 C X A T	67009300
C37	CAPACITOR CERAM. HIQ 0805	39pF 2% NPO 50VDC	VITRAMON	VJ0805 Q 390 G X A T	328.381
C38	CAPACITOR CERAM. HIQ 0805	22pF 2% NPO 50VDC	VITRAMON	VJ0805 Q 220 G X A T	67010600
C39	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C40	CAPACITOR CERAM. SMD 0805	1n0 5% NPO 50VDC	TDK	C2012 COG 1H 102 J T NiBa	323.098
C41	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C42	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C43	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C44	CAPACITOR CERAM. SMD 0805	33pF 2% NPO 50VDC	VITRAMON	VJ0805A330GXAT	67005700
C45	CAPACITOR CERAM. SMD 1210	4n7F 2% NPO 50VDC	VITRAMON	VJ1210A472GXAT	67003000
C46	CAPACITOR CERAM. SMD 0805	68nF 10% X7R 50VDC	MURATA	GRM40 X7R 683 K 50 PT	328.346
C47	CAPACITOR CERAM. SMD 0805	1n0 5% NPO 50VDC	TDK	C2012 COG 1H 102 J T NiBa	323.098
C48	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C50	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C51	CAPACITOR TANTALUM	10uF 10% 25VDC	SIEMENS	B45196-B5106-K409	67700300
C52	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C53	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C54	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C55	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C56	CAPACITOR MKP	1u0F 10% 160VDC	WIMA	MKP10 1.0uF 10% 160V AMMO	62361002
C57	CAPACITOR MKT	330nF 10% 63VDC	WIMA	MKS3 0,33/10/63 RM7,5	62253300
C58	CAPACITOR TANTALUM	10uF 10% 25VDC	SIEMENS	B45196-B5106-K409	67700300
C59	CAPACITOR CERAM. SMD 0805	100pF 2% NPO 50VDC	VITRAMON	VJ0805A101GXAT(M)	67005500
C60	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C61	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C62	CAPACITOR CERAM. SMD 0805	2n2 5% NPO 50VDC	MURATA	GRM40 COG 222 J 50 PT	323.102
C63	CAPACITOR CERAM. SMD 0805	100pF 2% NPO 50VDC	VITRAMON	VJ0805A101GXAT(M)	67005500
C64	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C65	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C66	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C67	CAPASITOR TANTALUM 6032	2u2F 10% 35VDC	SPRAGUE	293D 225 X9 035 C2T	67700500
C68	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C69	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348

PARTSLIST

POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
C70	CAPACITOR CERAM. SMD 0805	2n2 5% NPO 50VDC	MURATA	GRM40 COG 222 J 50 PT	323.102
C71	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C72	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C74	CAPACITOR TANTALUM	10uF 10% 25VDC	SIEMENS	B45196-B5106-K409	67700300
C75	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C76	CAPACITOR CERAM. SMD 0805	22nF 10% X7R 50VDC	MURATA	GRM40 X7R 223 K 50 PT	328.340
C77	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C78	CAPACITOR CERAM. SMD 0805	680pF 2% NPO 50VDC	VITRAMON	VJ0805A681GXAT	67005000
C79	CAPACITOR CERAM. SMD 0805	1n0 5% NPO 50VDC	TDK	C2012 COG 1H 102 J T NiBa	323.098
C80	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C81	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C82	CAPACITOR CERAM. SMD 0805	1n0 5% NPO 50VDC	TDK	C2012 COG 1H 102 J T NiBa	323.098
C83	CAPASITOR TANTALUM 6032	2u2F 10% 35VDC	SPRAGUE	293D 225 X9 035 C2T	67700500
C84	CAPACITOR CERAM. SMD 0805	270pF 2% NPO 50VDC	AVX	CM 21 CG 271 G 50 A T	67003500
C85	CAPACITOR CERAM. SMD 0805	12pF 2% NPO 50VDC	VITRAMON	VJ0805A120GXAT	67006000
C87	CAPACITOR CERAM. SMD 0805	1n0 5% NPO 50VDC	TDK	C2012 COG 1H 102 J T NiBa	323.098
C88	CAPASITOR TANTALUM 6032	2u2F 10% 35VDC	SPRAGUE	293D 225 X9 035 C2T	67700500
C89	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C90	CAPACITOR TANTALUM 3528	1u0F 20% 35VDC	ERO	CB 105035 M E17	67700100
C91	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C92	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C95	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C96	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C98	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C99	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C100	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C101	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C102	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C103	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C104	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C105	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C106	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C107	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C108	CAPACITOR TANTALUM 3528	1u0F 20% 35VDC	ERO	CB 105035 M E17	67700100
C109	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C110	CAPACITOR CERAM. SMD 0805	100pF 2% NPO 50VDC	VITRAMON	VJ0805A101GXAT(M)	67005500
C111	CAPACITOR CERAM. SMD 0805	10pF 2% NPO 50VDC	AVX	CM 21 CG 100 G 50 A T	67004400
C112	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C113	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C114	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C115	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C116	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C117	CAPACITOR CERAM. SMD 0805	2n2 5% NPO 50VDC	MURATA	GRM40 COG 222 J 50 PT	323.102
C118	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C119	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C120	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C121	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C122	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C123	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C124	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C125	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C126	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C127	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C128	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C129	CAPACITOR MKT	220nF 10% 63VDC	ERO	1817422065G	62252201
C130	CAPACITOR TANTALUM	10uF 10% 25VDC	SIEMENS	B45196-B5106-K409	67700300
C131	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C132	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C133	CAPACITOR TANTALUM	10uF 10% 25VDC	SIEMENS	B45196-B5106-K409	67700300
C134	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C135	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C136	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C137	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C138	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C139	CAPACITOR CERAM. SMD 0805	10pF 2% NPO 50VDC	AVX	CM 21 CG 100 G 50 A T	67004400
C140	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C141	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C142	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C143	CAPACITOR MKT	220nF 10% 63VDC	ERO	1817422065G	62252201
C144	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C145	CAPACITOR TANTALUM	10uF 10% 25VDC	SIEMENS	B45196-B5106-K409	67700300
C146	CAPACITOR TANTALUM	10uF 10% 25VDC	SIEMENS	B45196-B5106-K409	67700300
C147	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C148	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348

PARTSLIST

POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
C149	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C150	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C151	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C152	CAPACITOR CERAM. SMD 0805	1n0 5% NPO 50VDC	TDK	C2012 COG 1H 102 J T NiBa	323.098
C153	CAPACITOR CERAM. SMD 0805	1p5F +/-0.25pF NPO 50VDC	VITRAMON	VJ0805A1R5CXAT	67004700
C154	CAPACITOR CERAM. SMD 0805	1p5F +/-0.25pF NPO 50VDC	VITRAMON	VJ0805A1R5CXAT	67004700
C155	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C156	CAPACITOR CERAM. SMD 0805	47pF 2% NPO 50VDC	AVX	CM 21 CG 470 G 50 A T	67004800
C157	CAPACITOR CERAM. SMD 0805	4p7F +/-0.25pF NPO 50VDC	VITRAMON	VJ0805Q4R7CXAT	67005200
C158	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C159	CAPACITOR CERAM. SMD 0805	47pF 2% NPO 50VDC	AVX	CM 21 CG 470 G 50 A T	67004800
C160	CAPACITOR CERAM. SMD 0805	47pF 2% NPO 50VDC	AVX	CM 21 CG 470 G 50 A T	67004800
C161	CAPACITOR CERAM. SMD 0805	82pF 2% NPO 50VDC	VITRAMON	VJ0805A820GXAT(M)	67003900
C162	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C163	CAPACITOR MKT	220nF 10% 63VDC	ERO	1817422065G	62252201
C164	CAPASITOR TANTALUM 6032	2u2F 10% 35VDC	SPRAGUE	293D 225 X9 035 C2T	67700500
C165	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C166	CAPACITOR CERAM. SMD 1210	5n6 2% NPO 50VDC	VITRAMON	VJ1210A562GXAT	67007300
C167	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C168	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C169	CAPACITOR CERAM. SMD 0805	100pF 2% NPO 50VDC	VITRAMON	VJ0805A101GXAT(M)	67005500
C170	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C171	CAPACITOR CERAM. SMD 0805	47nF 10% X7R 50VDC	MURATA	GRM40 X7R 473 K 50 PT	328.344
C172	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C173	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C174	CAPACITOR MKT	220nF 10% 63VDC	ERO	1817422065G	62252201
C175	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C176	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C177	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C178	CAPACITOR CERAM. SMD 0805	82pF 2% NPO 50VDC	VITRAMON	VJ0805A820GXAT(M)	67003900
C179	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C180	CAPACITOR CERAM. SMD 0805	4p7F +/-0.25pF NPO 50VDC	VITRAMON	VJ0805Q4R7CXAT	67005200
C181	CAPACITOR CERAM. SMD 0805	100pF 2% NPO 50VDC	VITRAMON	VJ0805A101GXAT(M)	67005500
C182	CAPACITOR CERAM. SMD 0805	2n2 5% NPO 50VDC	MURATA	GRM40 COG 222 J 50 PT	323.102
C183	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C184	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C185	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C186	CAPACITOR CERAM. SMD 0805	100pF 2% NPO 50VDC	VITRAMON	VJ0805A101GXAT(M)	67005500
C187	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C188	CAPACITOR CERAM. SMD 0805	100pF 2% NPO 50VDC	VITRAMON	VJ0805A101GXAT(M)	67005500
C189	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C190	CAPACITOR CERAM. SMD 0805	82pF 2% NPO 50VDC	VITRAMON	VJ0805A820GXAT(M)	67003900
C191	CAPACITOR TANTALUM	10uF 10% 25VDC	SIEMENS	B45196-B5106-K409	67700300
C192	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C193	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C194	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C195	CAPACITOR CERAM. SMD 0805	1n0 5% NPO 50VDC	TDK	C2012 COG 1H 102 J T NiBa	323.098
C196	CAPACITOR CERAM. SMD 0805	1n0 5% NPO 50VDC	TDK	C2012 COG 1H 102 J T NiBa	323.098
C197	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C198	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C200	CAPACITOR CERAM. SMD 0805	15pF 5% NPO 50VDC	TDK	C2012 COG 1H 150 J T NiBa	323.076
C201	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C202	CAPACITOR CERAM. SMD 0805	18pF 2% NPO 50VDC	VITRAMON	VJ0805A180GXAT(M)	67004000
C203	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C204	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C205	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C206	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C207	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
D1	QUAD BILATERAL SWITCH	CD4066BC	MOTOROLA	MC14066BD R2(R1)	355.066
D2	DUAL 4 INPUT NOR GATE	74HC4002	MOTOROLA	MC74HC4002D	85981700
D3	TRIPLE 3-INPUT AND GATE	74HC11	MOTOROLA	MC74HC11D R1(R2)	85982400
D4	QUAD BILATERAL SWITCH	HEF4016B	PHILIPS	HEF4016BT TAPE&REEL	85911300
D5	QUAD 2INPUT EXCL. OR GATE	74HC86	NATIONAL	MM74HC86MX	85983300
D6	QUAD 2-INPUT NAND GATE	74AC00	NATIONAL	74AC00S.CX	355.350
D7	DUAL D-FF SET/RESET	74HC74	MOTOROLA	MC74HC74D R2	355.223
D8	DUAL D-FF SET/RESET	74HC74	MOTOROLA	MC74HC74D R2	355.223
D9	8-BIT SYNCR. BINARY DOWN	COUNTER, 74HC40103	SGS	M74HC40103M 1R	85982900
D10	8-BIT SYNCR. BINARY DOWN	COUNTER, 74HC40103	SGS	M74HC40103M 1R	85982900
D11	QUAD 2 INPUT NAND GATE	74HC00	NATIONAL	MM74HC00M TAPE&REEL	85980000
D12	DUAL D-FF SET/RESET	74HC74	MOTOROLA	MC74HC74D R2	355.223
D13	DUAL D-FF SET/RESET	74HC74	MOTOROLA	MC74HC74D R2	355.223
D14	DUAL D-FF SET/RESET	74HC74	MOTOROLA	MC74HC74D R2	355.223
D15	DUAL MONOST.MULTIVIBRATOR	CD4528BC	NATIONAL	CD4528BCMX	85911200
D16	HEX D-FF W.CLEAR	74HC174, 74HC174A	NATIONAL	MM74HC174M TAPE & REEL	85983000

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POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
D17	HEX D-FF W.CLEAR	74HC174, 74HC174A	NATIONAL	MM74HC174M TAPE & REEL	85983000
D18	4-BIT BIN. FULL ADDER	74HC283	HARRIS	CD74HC283M16.15 TAPE&REEL	85982600
D19	4-BIT BIN. FULL ADDER	74HC283	HARRIS	CD74HC283M16.15 TAPE&REEL	85982600
D20	4-BIT BIN. FULL ADDER	74HC283	HARRIS	CD74HC283M16.15 TAPE&REEL	85982600
D21	TRIPLE 3-INPUT NAND GATE	74HC10	TEXAS	SN74HC10DR	85982200
D22	8-BIT ADDRESSABLE LATCH	74HC259, 74HC259A	NATIONAL	MM74HC259M TAPE & REEL	85982500
D23	8-BIT ADDRESSABLE LATCH	74HC259, 74HC259A	NATIONAL	MM74HC259M TAPE & REEL	85982500
D24	8-BIT ADDRESSABLE LATCH	74HC259, 74HC259A	NATIONAL	MM74HC259M TAPE & REEL	85982500
D25	8-BIT ADDRESSABLE LATCH	74HC259, 74HC259A	NATIONAL	MM74HC259M TAPE & REEL	85982500
D26	4-BIT SYNCR. BIN. COUNTER	74HC161(A)	MOTOROLA	MC74HC161AD R1(R2)	85980700
D27	4-BIT SYNCR. BIN. COUNTER	74HC161(A)	MOTOROLA	MC74HC161AD R1(R2)	85980700
D28	DUAL D-FLIP-FLOP	74AC74	NATIONAL	MM74AC74SC X	85984200
D29	QUAD 2 INPUT NAND GATE	74HC00	NATIONAL	MM74HC00M TAPE&REEL	85980000
D30	DUAL D-FLIP-FLOP	74AC74	NATIONAL	MM74AC74SC X	85984200
D31	PLL FREQUENCY SYNTH.	MC145145-2	MOTOROLA	MC 145145 DW2	85990900
D32	4-BIT SYNCR. BIN. COUNTER	74HC161(A)	MOTOROLA	MC74HC161AD R1(R2)	85980700
D33	QUAD 2 INPUT NAND GATE	74HC00	NATIONAL	MM74HC00M TAPE&REEL	85980000
D34	QUAD 2 INPUT NAND GATE	74HC00	NATIONAL	MM74HC00M TAPE&REEL	85980000
D40	DUAL D-FLIP-FLOP	74AC74	NATIONAL	MM74AC74SC X	85984200
D41	SYNCHRONOUS BINARY COUNT	74AC161	NATIONAL	74AC161S.CX	355.368
J1	JUMPER WIRE >0,7x25mm		ECI A/S	>0,7x25MM	510725
J2	JUMPER WIRE >0,7x25mm		ECI A/S	>0,7x25MM	510725
J3	JUMPER WIRE >0,7x25mm		ECI A/S	>0,7x25MM	510725
L1	COIL RF 370nH ADJUSTABLE		SUMIDA	P/N: 999190	38.453
L2	COIL RF 293nH ADJUSTABLE		SUMIDA	P/N: 999191	38.452
L3	CHOKE FIXED SMD 1812	47uH 10%	PANASONIC	ELJ FB 470 K F	74100600
L4	CHOKE FIXED SMD 1812	47uH 10%	PANASONIC	ELJ FB 470 K F	74100600
L5	COIL ADJUSTABLE	TWO SCREW CORES	ECI A/S	0-0-33681	433681
L6	CHOKE FIXED SMD 1812	10uH 10%	PANASONIC	ELJ-FB100KF	74101200
L7	CHOKE FIXED SMD 1812	100uH 10%	PANASONIC	ELJ FB 101 K F	74101600
L8	CHOKE FIXED SMD 1812	10uH 10%	PANASONIC	ELJ-FB100KF	74101200
L9	CHOKE FIXED SMD 1812	100uH 10%	PANASONIC	ELJ FB 101 K F	74101600
L10	CHOKE FIXED 1812	1u5H 10%	DALE	IMC-1812 1.5uH 10%	74100300
L11	CHOKE FIXED 1812	1u2H 10%	PANASONIC	ELJ-FB1R2KF	74100200
L13	COIL RF 275nH ADJUSTABLE	SCREENED	TOKO	EFTER MODEL VED LISSA!!!!	38.451
L14	COIL RF 275nH ADJUSTABLE	SCREENED	TOKO	TYPE 10K u.SK*RM EFTER MODEL VED LISSA!!!!	38.451
L15	CHOKE FIXED SMD 1812	100uH 10%	PANASONIC	TYPE 10K u.SK*RM ELJ FB 101 K F	74101600
L16	CHOKE FIXED 1206	330nH 10%	STETTNER	5503 00687	74101800
L17	COIL RF 5u0H ADJUSTABLE	SCREENED	TOKO	EFTER PR+VE VED LISSA!!!! TYPE 10K u.SK*RM	38.455
L18	CHOKE FIXED SMD 1812	100uH 10%	PANASONIC	ELJ FB 101 K F	74101600
L20	CHOKE FIXED SMD 1812	47uH 10%	PANASONIC	ELJ FB 470 K F	74100600
N1	SINGLE J-FET INPUT OP AMP	LF351, TL071	MOTOROLA	LF351DR2 (R1)	85810700
N2	DUAL J-FET OP AMP SO8	LF353, TL072	TEXAS	TL072CDR	85810400
N3	DIGITAL ANALOG CONVERTER	DAC0802LC, NE5009	NATIONAL	DAC0802LCN	85050090
N4	8 BIT D/A CONVERTER	DAC08,DAC0801	NATIONAL	DAC0801LCM	351.805
N5	VOLTAGE REGULATOR FIXED	5V/1A, MC7805, LM340T-5.0	MOTOROLA	MC7805CT (MC7805BT)	31.250
N6	POS. VOLTAGE REG. 12V/1A	MC7812-LM340T-12	MOTOROLA	MC7812CT (MC7812BT)	31.260
N7	SINGLE J-FET INPUT OP AMP	LF351, TL071	MOTOROLA	LF351DR2 (R1)	85810700
N8	VOLTAGE REGULATOR	-12V/1A 7912	MOTOROLA	MC7912CT	31.268
R1	RESISTOR SMD 1206	22k OHM 5% 0.25W	ROHM	MCR18	57003100
R2	RESISTOR SMD 1206	22k OHM 5% 0.25W	ROHM	MCR18	57003100
R3	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R4	RESISTOR SMD 1206	56k OHM 5% 0.25W	ROHM	MCR18	57003600
R5	RESISTOR SMD 1206	2k2 OHM 5% 0.25W	ROHM	MCR18	57002000
R6	RESISTOR SMD 1206	22k OHM 5% 0.25W	ROHM	MCR18	57003100
R7	RESISTOR SMD 1206	22k OHM 5% 0.25W	ROHM	MCR18	57003100
R8	RESISTOR SMD 1206	3k9 OHM 5% 0.25W	ROHM	MCR18	57002300
R9	RESISTOR SMD 1206	3k9 OHM 5% 0.25W	ROHM	MCR18	57002300
R10	RESISTOR SMD 1206	3k9 OHM 5% 0.25W	ROHM	MCR18	57002300
R11	RESISTOR SMD 1206	22k OHM 5% 0.25W	ROHM	MCR18	57003100
R12	RESISTOR SMD 1206	22k OHM 5% 0.25W	ROHM	MCR18	57003100
R13	RESISTOR SMD 1206	22k OHM 5% 0.25W	ROHM	MCR18	57003100
R14	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R15	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R16	RESISTOR SMD 1206	82 OHM 5% 0.25W	ROHM	MCR18	57000900
R17	RESISTOR SMD 1206	1k8 OHM 5% 0.25W	ROHM	MCR18	57006100
R18	RESISTOR SMD 1206	1k5 OHM 5% 0.25W	DRALORIC	CR 1206 L 152 J G4	303.050
R19	RESISTOR SMD 1206	3k3 OHM 5% 0.25W	ROHM	MCR18	57002200
R20	RESISTOR SMD 1206	120 OHM 5% 0.25W	ROHM	MCR 18 JZO J 121	303.037
R21	RESISTOR SMD 1206	15R OHM 5% 0.25W	ROHM	MCR18 EZH J 150	57007000
R22	RESISTOR SMD 1206	10 OHM 5% 0.25W	ROHM	MCR18	57004800

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POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
R23	RESISTOR SMD 1206	3k3 OHM 5% 0.25W	ROHM	MCR18	57002200
R24	RESISTOR SMD 1206	3k3 OHM 5% 0.25W	ROHM	MCR18	57002200
R25	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R26	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R27	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R28	RESISTOR SMD 1206	3k3 OHM 5% 0.25W	ROHM	MCR18	57002200
R29	RESISTOR SMD 1206	5k6 OHM 5% 0.25W	ROHM	MCR18 EZH J 562	57002500
R30	RESISTOR SMD 1206	39k OHM 5% 0.25W	ROHM	MCR18	57003400
R31	RESISTOR SMD 1206	1k5 OHM 5% 0.25W	DRALORIC	CR 1206 L 152 J G4	303.050
R32	RESISTOR SMD 1206	10 OHM 5% 0.25W	ROHM	MCR18	57004800
R33	RESISTOR SMD 1206	2k2 OHM 5% 0.25W	ROHM	MCR18	57002000
R34	RESISTOR SMD 1206	1k8 OHM 5% 0.25W	ROHM	MCR18	57006100
R35	RESISTOR SMD 1206	33 OHM 5% 0.25W	ROHM	MCR18	57000500
R36	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R37	RESISTOR SMD 1206	5k6 OHM 5% 0.25W	ROHM	MCR18 EZH J 562	57002500
R38	RESISTOR SMD 1206	3k3 OHM 5% 0.25W	ROHM	MCR18	57002200
R39	RESISTOR SMD 1206	15R OHM 5% 0.25W	ROHM	MCR18 EZH J 150	57007000
R40	RESISTOR SMD 1206	10 OHM 5% 0.25W	ROHM	MCR18	57004800
R41	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R42	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R43	RESISTOR SMD 1206	15R OHM 5% 0.25W	ROHM	MCR18 EZH J 150	57007000
R44	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R45	RESISTOR SMD 1206	33 OHM 5% 0.25W	ROHM	MCR18	57000500
R46	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R47	RESISTOR SMD 1206	6k8 OHM 5% 0.25W	ROHM	MCR18 EZH J 682	57002600
R48	RESISTOR SMD 1206	22k OHM 5% 0.25W	ROHM	MCR18	57003100
R49	RESISTOR SMD 1206	5k6 OHM 5% 0.25W	ROHM	MCR18 EZH J 562	57002500
R50	RESISTOR SMD 1206	6k8 OHM 5% 0.25W	ROHM	MCR18 EZH J 682	57002600
R51	RESISTOR SMD 1206	5k6 OHM 5% 0.25W	ROHM	MCR18 EZH J 562	57002500
R52	RESISTOR SMD 1206	3k3 OHM 5% 0.25W	ROHM	MCR18	57002200
R53	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R54	RESISTOR SMD 1206	680 OHM 5% 0.25W	ROHM	MCR18	57007300
R55	RESISTOR SMD 1206	820 OHM 5% 0.25W	ROHM	MCR18 EZH J 821	57001700
R56	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R57	RESISTOR SMD 1206	330 OHM 5% 0.25W	ROHM	MCR18	57007200
R58	RESISTOR SMD 1206	680 OHM 5% 0.25W	ROHM	MCR18	57007300
R59	RESISTOR SMD 1206	27 OHM 5% 0.25W	ROHM	MCR18 EZH J 270	57000400
R62	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R63	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R64	RESISTOR SMD 1206	680 OHM 5% 0.25W	ROHM	MCR18	57007300
R65	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R66	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R67	RESISTOR SMD 1206	33 OHM 5% 0.25W	ROHM	MCR18	57000500
R68	RESISTOR SMD 1206	12k OHM 5% 0.25W	ROHM	MCR18	57002900
R69	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R70	RESISTOR SMD 1206	18k OHM 5% 0.25W	ROHM	MCR18	57003000
R71	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R72	RESISTOR SMD 1206	3k3 OHM 5% 0.25W	ROHM	MCR18	57002200
R73	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R74	RESISTOR SMD 1206	22k OHM 5% 0.25W	ROHM	MCR18	57003100
R75	RESISTOR SMD 1206	270 OHM 5% 0.25W	ROHM	MCR18 EZH J 271	57001400
R76	RESISTOR SMD 1206	330 OHM 5% 0.25W	ROHM	MCR18	57007200
R77	RESISTOR SMD 1206	390 OHM 5% 0.25W	ROHM	MCR18	57006000
R78	RESISTOR SMD 1206	820 OHM 5% 0.25W	ROHM	MCR18 EZH J 821	57001700
R79	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R80	RESISTOR SMD 1206	470k OHM 5% 0.25W	ROHM	MCR18	57004500
R81	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R83	RESISTOR SMD 1206	150R OHM 5% 0.25W	ROHM	MCR18 EZH J 151	57001200
R84	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R85	RESISTOR SMD 1206	64R9 OHM 1% 0.25W	ROHM	MCR18	57101900
R87	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R88	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R89	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R90	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R91	RESISTOR SMD 1206	470 OHM 5% 0.25W	ROHM	MCR18 EZH J 471	57001500
R92	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R93	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R94	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R94	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R95	RESISTOR SMD 1206	1k2 OHM 5% 0.25W	ROHM	MCR 18 EZH J 122	303.049
R96	RESISTOR SMD 1206	56 OHM 5% 0.25W	ROHM	MCR18	57000700
R97	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R98	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R99	RESISTOR SMD 1206	18 OHM 5% 0.25W	ROHM	MCR18	57000300

PARTSLIST

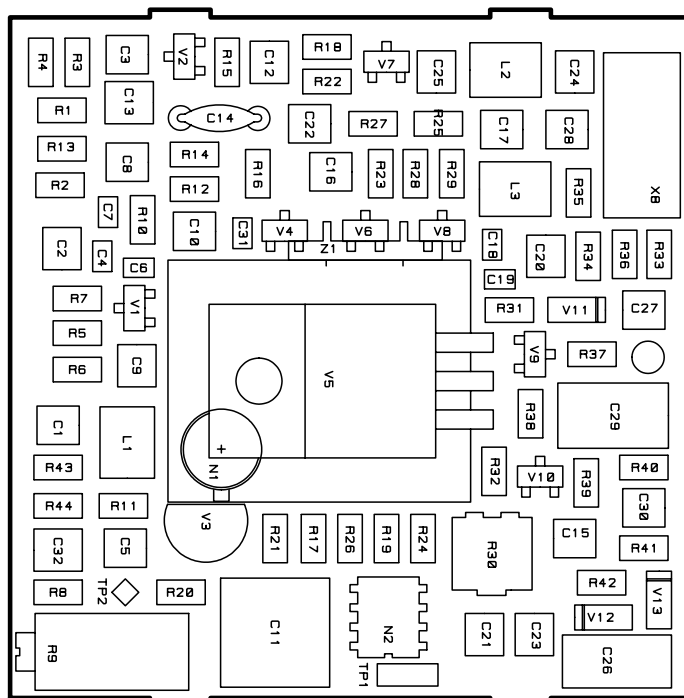
POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
R100	RESISTOR SMD 1206	1k05 OHM 1% 0.25W	ROHM	MCR18	57102900
R101	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R102	RESISTOR SMD 1206	560 OHM 5% 0.25W	ROHM	MCR18	57001600
R103	RESISTOR SMD 1206	33k OHM 5% 0.25W	ROHM	MCR18	57003300
R104	RESISTOR SMD 1206	1k27 OHM 1% 0.25W	ROHM	MCR18	57103000
R105	PRESET SEALED	500 OHM 20% 1/4W	BOURNS	3374X-1-501-E	57300600
R107	RESISTOR SMD 1206	680 OHM 5% 0.25W	ROHM	MCR18	57007300
R110	RESISTOR SMD 1206	2M7 OHM 5% 0.25W	ROHM	MCR18	57007900
R111	RESISTOR SMD 1206	1M2 OHM 5% 0.25W	ROHM	MCR18	57007700
R113	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R114	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R115	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R116	RESISTOR SMD 1206	2k2 OHM 5% 0.25W	ROHM	MCR18	57002000
R117	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R118	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R119	RESISTOR SMD 1206	2k2 OHM 5% 0.25W	ROHM	MCR18	57002000
R120	RESISTOR SMD 1206	2k2 OHM 5% 0.25W	ROHM	MCR18	57002000
R121	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R124	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R125	RESISTOR SMD 1206	560 OHM 5% 0.25W	ROHM	MCR18	57001600
R126	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R127	RESISTOR SMD 1206	10 OHM 5% 0.25W	ROHM	MCR18	57004800
R128	RESISTOR SMD 1206	1k2 OHM 5% 0.25W	ROHM	MCR 18 EZH J 122	303.049
R129	RESISTOR SMD 1206	330 OHM 5% 0.25W	ROHM	MCR18	57007200
R130	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R131	RESISTOR SMD 1206	56k OHM 5% 0.25W	ROHM	MCR18	57003600
R132	RESISTOR SMD 1206	27k OHM 5% 0.25W	ROHM	MCR18	57003200
R133	RESISTOR SMD 1206	56 OHM 5% 0.25W	ROHM	MCR18	57000700
R134	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R135	RESISTOR SMD 1206	27k OHM 5% 0.25W	ROHM	MCR18	57003200
R136	RESISTOR SMD 1206	5k6 OHM 5% 0.25W	ROHM	MCR18 EZH J 562	57002500
R137	RESISTOR SMD 1206	1k8 OHM 5% 0.25W	ROHM	MCR18	57006100
R138	PRESET SEALED	2k0 OHM 20% 1/4W	BOURNS	3374X-1-202-E	57300500
R139	RESISTOR SMD 1206	39 OHM 5% 0.25W	ROHM 35	MCR18	57007100
R140	RESISTOR SMD 1206	33 OHM 5% 0.25W	ROHM	MCR18	57000500
R141	RESISTOR SMD 1206	27 OHM 5% 0.25W	ROHM	MCR18 EZH J 270	57000400
R142	RESISTOR SMD 1206	560 OHM 5% 0.25W	ROHM	MCR18	57001600
R143	RESISTOR SMD 1206	56 OHM 5% 0.25W	ROHM	MCR18	57000700
R145	RESISTOR SMD 1206	180k OHM 5% 0.25W	ROHM	MCR18	57004000
R146	RESISTOR SMD 1206	220k OHM 5% 0.25W	ROHM	MCR18	57004300
R147	RESISTOR SMD 1206	5k6 OHM 5% 0.25W	ROHM	MCR18 EZH J 562	57002500
R148	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R149	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R150	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R151	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R152	RESISTOR SMD 1206	22k OHM 5% 0.25W	ROHM	MCR18	57003100
R153	RESISTOR SMD 1206	68k OHM 5% 0.25W	ROHM	MCR18	57003700
R154	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R155	RESISTOR SMD 1206	27 OHM 5% 0.25W	ROHM	MCR18 EZH J 270	57000400
R156	RESISTOR SMD 1206	6k8 OHM 5% 0.25W	ROHM	MCR18 EZH J 682	57002600
R157	RESISTOR SMD 1206	3k3 OHM 5% 0.25W	ROHM	MCR18	57002200
R158	RESISTOR SMD 1206	390 OHM 5% 0.25W	ROHM	MCR18	57006000
R159	RESISTOR SMD 1206	48R7 OHM 1% 0.25W	ROHM	MCR18	57101700
R160	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R161	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R162	RESISTOR SMD 1206	33 OHM 5% 0.25W	ROHM	MCR18	57000500
R163	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R164	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R165	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R166	RESISTOR SMD 1206	220k OHM 5% 0.25W	ROHM	MCR18	57004300
R167	RESISTOR SMD 1206	4k22 OHM 1% 0.25W	ROHM	MCR18	57103300
R168	RESISTOR SMD 1206	3k9 OHM 5% 0.25W	ROHM	MCR18	57002300
R169	RESISTOR SMD 1206	68k OHM 5% 0.25W	ROHM	MCR18	57003700
R170	RESISTOR SMD 1206	4k22 OHM 1% 0.25W	ROHM	MCR18	57103300
R171	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R172	RESISTOR SMD 1206	15k OHM 5% 0.25W	ROHM	MCR18	57004600
R173	RESISTOR SMD 1206	6k8 OHM 5% 0.25W	ROHM	MCR18 EZH J 682	57002600
R174	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R175	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R176	RESISTOR SMD 1206	2k49 OHM 1% 0.25W	ROHM	MCR18	57103200
R177	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
R178	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R179	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R180	RESISTOR SMD 1206	270 OHM 5% 0.25W	ROHM	MCR18 EZH J 271	57001400

PARTSLIST

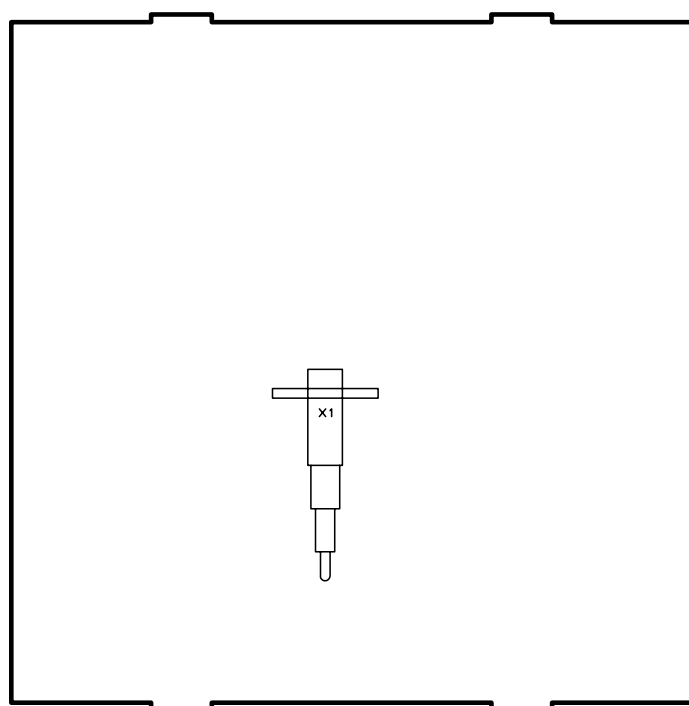
POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
R181	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R182	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R183	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R184	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R185	RESISTOR SMD 1206	470k OHM 5% 0.25W	ROHM	MCR18	57004500
R186	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R187	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R188	RESISTOR SMD 1206	68 OHM 5% 0.25W	ROHM	MCR18	57000800
R189	RESISTOR SMD 1206	270 OHM 5% 0.25W	ROHM	MCR18 EZH J 271	57001400
R190	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
R191	RESISTOR SMD 1206	68 OHM 5% 0.25W	ROHM	MCR18	57000800
R192	RESISTOR SMD 1206	820 OHM 5% 0.25W	ROHM	MCR18 EZH J 821	57001700
R193	RESISTOR SMD 1206	820 OHM 5% 0.25W	ROHM	MCR18 EZH J 821	57001700
R194	RESISTOR SMD 1206	27 OHM 5% 0.25W	ROHM	MCR18 EZH J 270	57000400
R195	RESISTOR SMD 1206	27 OHM 5% 0.25W	ROHM	MCR18 EZH J 270	57000400
R196	RESISTOR SMD 1206	120 OHM 5% 0.25W	ROHM	MCR 18 JZO J 121	303.037
R197	RESISTOR SMD 1206	680 OHM 5% 0.25W	ROHM	MCR18	57007300
R198	RESISTOR SMD 1206	680 OHM 5% 0.25W	ROHM	MCR18	57007300
R199	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R200	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R201	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R202	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R203	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R204	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R205	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R206	RESISTOR SMD 1206	5k6 OHM 5% 0.25W	ROHM	MCR18 EZH J 562	57002500
T1	TRANSFORMER RF, Lp 261nH		ECI A/S	6-0-34170B	434170
V1	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V2	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V3	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V4	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V5	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V6	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V7	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V8	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V9	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V10	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V11	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V12	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V13	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V14	DIODE CAPACITANCE SOD323	BB439	SIEMENS	Q62702-B577	340.674
V15	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V16	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V17	DIODE CAPACITANCE SOD323	BB439	SIEMENS	Q62702-B577	340.674
V18	DIODE CAPACITANCE SOD323	BB439	SIEMENS	Q62702-B577	340.674
V19	DIODE CAPACITANCE SOD323	BB439	SIEMENS	Q62702-B577	340.674
V20	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V21	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V22	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V23	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V24	DIODE SCHOTTKY	LL101A	ITT	LL101A(B,C) TAPE&REEL	83710100
V25	DIODE SCHOTTKY	LL101A	ITT	LL101A(B,C) TAPE&REEL	83710100
V26	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V27	TRANSISTOR N-CH.J-FET SO	SST310,MMBFJ310	NATIONAL	MM BFJ 310	84760200
V28	DIODE SCHOTTKY	LL101A	ITT	LL101A(B,C) TAPE&REEL	83710100
V29	DIODE SCHOTTKY	LL101A	ITT	LL101A(B,C) TAPE&REEL	83710100
V30	TRANSISTOR N-CH.J-FET SO	SST310,MMBFJ310	NATIONAL	MM BFJ 310	84760200
V31	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V32	DIODE SCHOTTKY	LL101A	ITT	LL101A(B,C) TAPE&REEL	83710100
V33	DIODE SCHOTTKY	LL101A	ITT	LL101A(B,C) TAPE&REEL	83710100
V34	TRANSISTOR RF SMALL SIGNA	BFS20	PHILIPS	BFS20-215	84770400
V35	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V36	TRANSISTOR RF NPN	BFS17A / BFS17P	PHILIPS	BFS17A	345.517
V37	TRANSISTOR RF NPN	BFS17A / BFS17P	PHILIPS	BFS17A	345.517
V38	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V39	TRANSISTOR AF NPN SOT-23	BC817-25	PHILIPS	BC817-25	345.017
V40	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V41	TRANSISTOR RF SMALL SIGNA	BFS20	PHILIPS	BFS20-215	84770400
V42	TRANSISTOR RF NPN	SOT-89 BFQ18A/BFQ19P	PHILIPS	BFQ18A	345.718
V43	TRANSISTOR RF NPN	BFS17A / BFS17P	PHILIPS	BFS17A	345.517
V44	TRANSISTOR RF SMALL SIGNA	BFS20	PHILIPS	BFS20-215	84770400
V45	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V46	TRANSISTOR RF SMALL SIGNA	BFS20	PHILIPS	BFS20-215	84770400
V47	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000

PARTSLIST

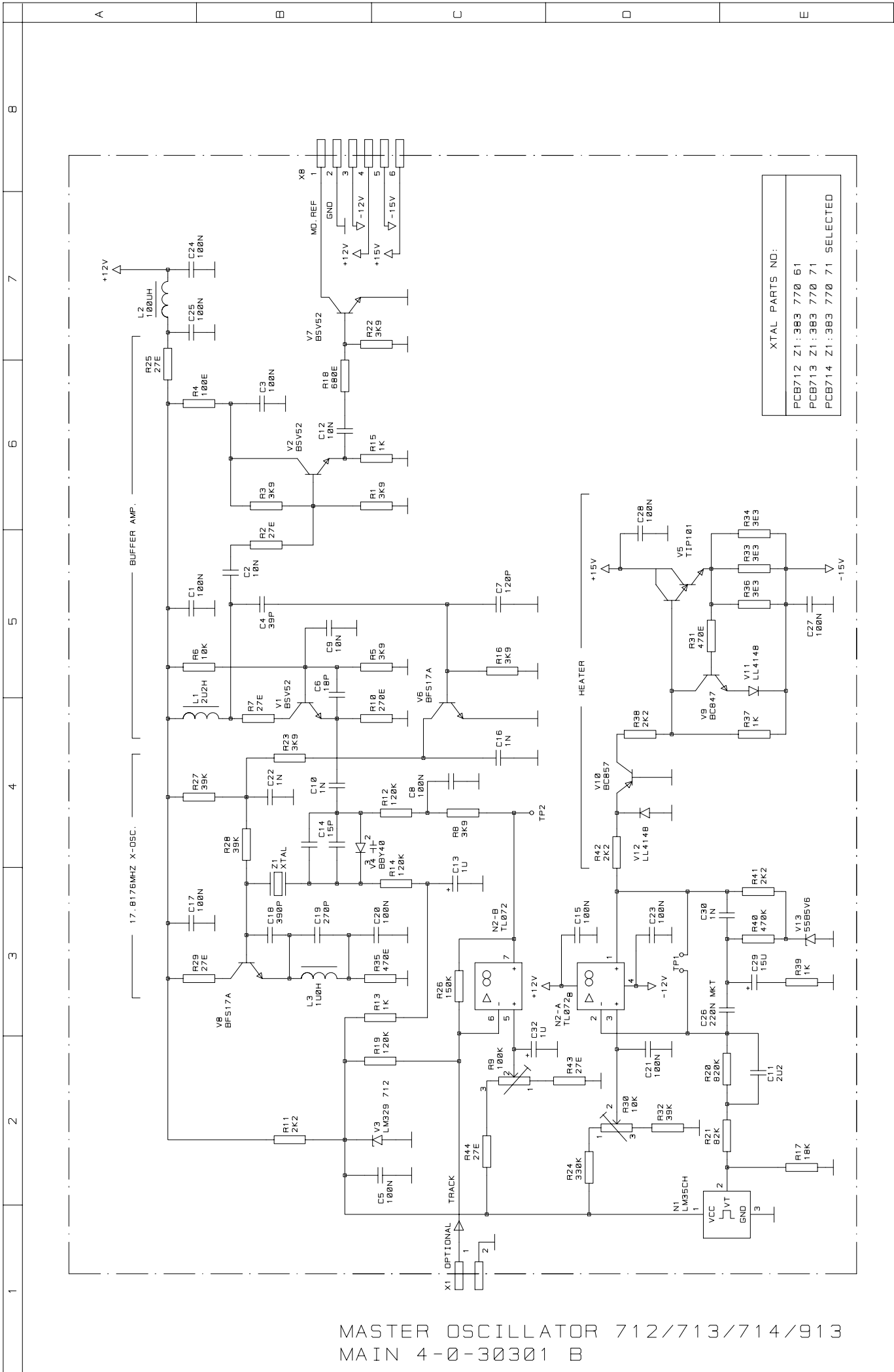
POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
V48	DIODE SCHOTTKY	LL101A	ITT	LL101A(B,C) TAPE&REEL	83710100
V49	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V50	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V51	TRANSISTOR RF NPN	BFS17A / BFS17P	PHILIPS	BFS17A	345.517
V52	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V53	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V54	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V55	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V56	DIODE ZENER 6.2V 5%	BZV55C6V2	PHILIPS	BZV55C6V2 SOD80	83730800
V57	DIODE ZENER 6.2V 5%	BZV55C6V2	PHILIPS	BZV55C6V2 SOD80	83730800
V58	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V59	TRANSISTOR RF SMALL SIGNA	BFS20	PHILIPS	BFS20-215	84770400
V60	TRANSISTOR RF NPN	SOT-89 BFQ17	PHILIPS	BFQ17	345.717
V61	TRANSISTOR RF SMALL SIGNA	BFS20	PHILIPS	BFS20-215	84770400
V62	DIODE CAPACITANCE SOD323	BB439	SIEMENS	Q62702-B577	340.674
V63	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V64	TRANSISTOR RF SMALL SIGNA	BFS20	PHILIPS	BFS20-215	84770400
V65	TRANSISTOR RF SMALL SIGNA	BFS20	PHILIPS	BFS20-215	84770400
V66	TRANSISTOR RF SMALL SIGNA	BFS20	PHILIPS	BFS20-215	84770400
V67	TRANSISTOR RF SMALL SIGNA	BFS20	PHILIPS	BFS20-215	84770400
V68	TRANSISTOR RF SMALL SIGNA	BFS20	PHILIPS	BFS20-215	84770400
V69	TRANSISTOR NPN H-SPEED SW	BSV52	PHILIPS	BSV52-215	84720600
V70	TRANSISTOR NPN H-SPEED SW	BSV52	PHILIPS	BSV52-215	84720600
V71	TRANSISTOR NPN H-SPEED SW	BSV52	PHILIPS	BSV52-215	84720600
V72	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V75	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V76	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V77	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V78	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V79	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V80	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V81	TRANSISTOR RF NPN	BFS17A / BFS17P	PHILIPS	BFS17A	345.517
V82	TRANSISTOR RF NPN	BFS17A / BFS17P	PHILIPS	BFS17A	345.517
V83	DIODE CAPACITANCE SOD323	BB439	SIEMENS	Q62702-B577	340.674
V84	DIODE CAPACITANCE SOD323	BB439	SIEMENS	Q62702-B577	340.674
X1	SOCKET 2x10 POLES	RIGHTANGLE PCB VERSION	AMP	9-215460-0 / 2-215460-0	75602004
X5	SOCKET 2x10 POLES	RIGHTANGLE PCB VERSION	AMP	9-215460-0 / 2-215460-0	75602004
X8	SOCKET PCB VERSION	2x3 POLES u-MATCH	AMP	0-215079-6	78.192
X9	COAXIAL CABLE 1.LO		ECI A/S	3-0-33274	533274
X10	COAXIAL CABLE 2.LO		ECI A/S	3-0-33273	533273
X11	COAXIAL CABLE 1.LO		ECI A/S	3-0-33274	533274



MASTER OSCILLATOR 712 / 713 / 714 / 913
 5-6-30301D
 VIEWED FROM TOP SIDE



MASTER OSCOLLATOR 712 / 713 / 714 / 913
5-5-30301D
VIEWED FROM BOTTOM SIDE



PARTS LIST

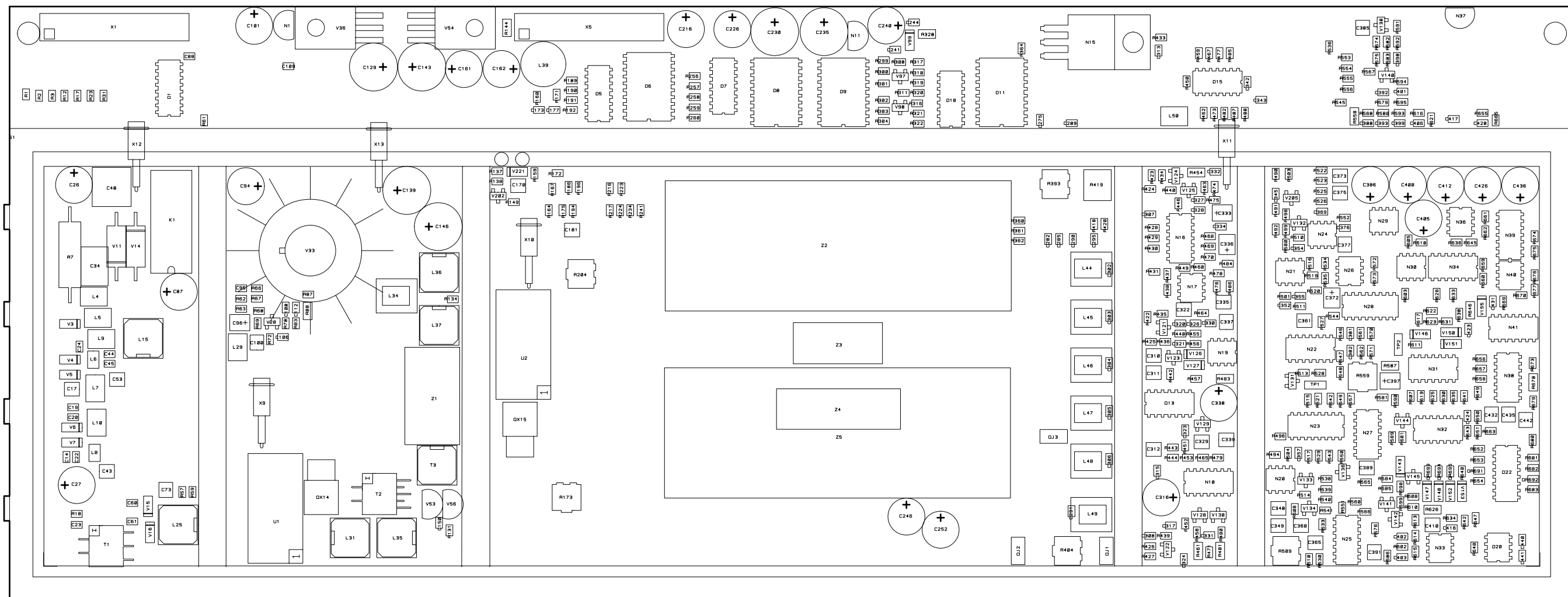
MASTER OSCILLATOR 713 17.8176 MHz, 0.35ppm			ECI A/S	5-6-30301D / 4-0-30301B	63030102
POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
VARIOUS	MASTER OSCILLATOR	712/713/714/913,BASE UNIT	ECI A/S	5-6-30301D / 4-0-30301B V.1/2/3/4 630301-DB	630301
C11	CAPACITOR MKT	2u2F 10% 50VDC	ERO	MKT 1826-522/05 5-G	62262201
C14	CAPACITOR CERAMIC	15pF 2% N750 100VDC	PHILIPS	2222 689 58159	60211502
C26	CAPACITOR MKT	220nF 10% 63VDC	ERO	1817422065G	62252201
X8	RIBBON CABLE 6 POLES	2x uMATCH, L=28mm	ELFAC	37378501B	37378501
R9	PRESET	100k OHM 10%	BOURNS	3296X-1-104	58251000
V3	DIODE REFERENCE 6.9V	LM329D	NATIONAL	LM329DZ	83003290
V5	TRANSISTOR AF POWER NPN	DARLINGTON TIP 101	MOTOROLA	TIP 102	29.086
N1	PREC. TEMPERATURE SENSOR	LM35CH	NATIONAL	LM 35 CH	85000350
Z1	XTAL 17.8176 MHz 0.35ppm		TELE QUARZ	383 770 71 D	38377071

PARTS LIST

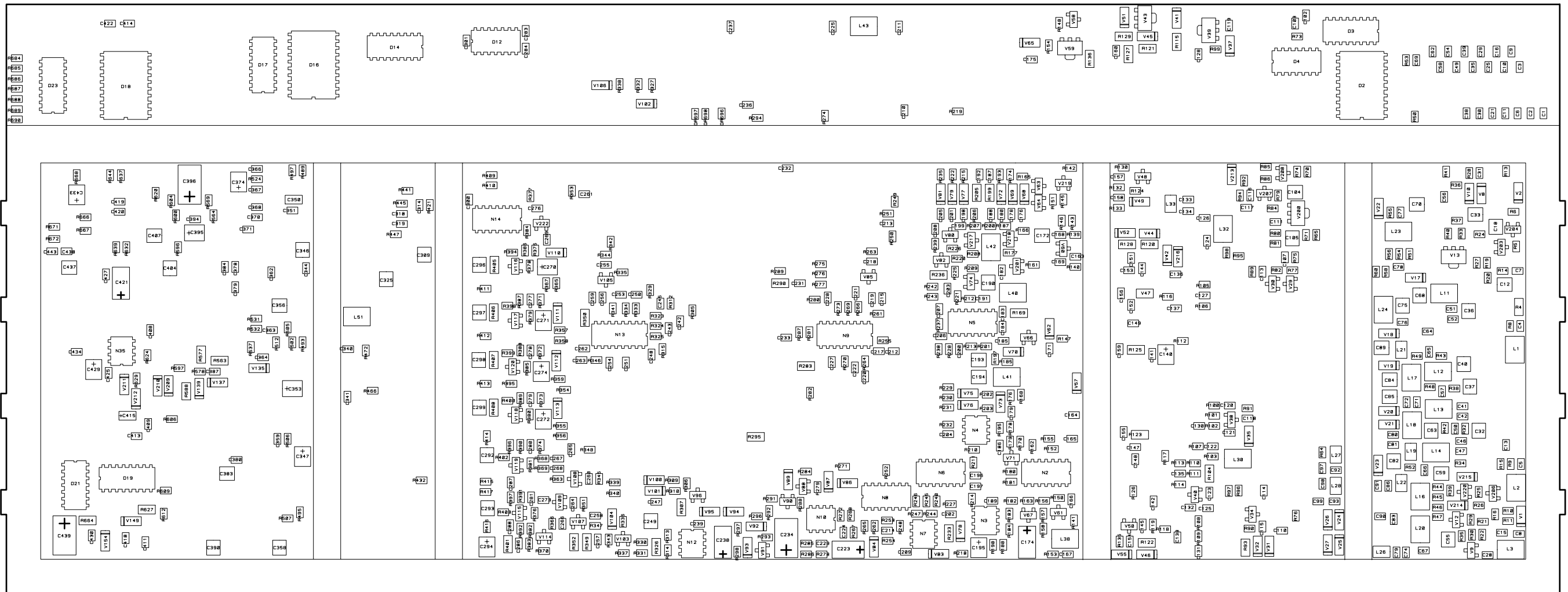
MASTER OSCILLATOR 712/713/714/913,BASE UNIT				ECI A/S	5-6-30301D / 4-0-30301B	630301
POSITION	DESCRIPTION			MANUFACTOR	TYPE	PART NO.
C1	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT		67101100
C2	CAPACITOR CERAM. SMD 1210	10nF 10% X7R 50VDC	VITRAMON	VJ1210Y103KXAT		67102200
C3	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT		67101100
C4	CAPACITOR CERAM. SMD 0805	39pF 2% NPO 50VDC	VITRAMON	VJ 0805 390 G X A T		67008000
C5	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT		67101100
C6	CAPACITOR CERAM. SMD 0805	18pF 2% NPO 50VDC	VITRAMON	VJ0805A180GXAT(M)		67004000
C7	CAPACITOR CERAM. SMD 0805	120pF 2% NPO 50VDC	VITRAMON	VJ0805A121GXAT(M)		67006700
C8	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT		67101100
C9	CAPACITOR CERAM. SMD 1210	10nF 10% X7R 50VDC	VITRAMON	VJ1210Y103KXAT		67102200
C10	CAPACITOR CERAM. SMD 1210	1n0F 10% NP0 63VDC	VITRAMON	VJ1210A102KXAT		67008500
C11	CAPACITOR MKT	2u2F 10% 50VDC	ERO	MKT 1826-522/05 5-G		62262201
C12	CAPACITOR CERAM. SMD 1210	10nF 10% X7R 50VDC	VITRAMON	VJ1210Y103KXAT		67102200
C13	CAPACITOR TANTALUM 3528	1u0F 20% 35VDC	ERO	CB 105035 M E17		67700100
C14	CAPACITOR CERAMIC	15pF 2% N750 100VDC	PHILIPS	2222 689 58159		60211502
C15	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT		67101100
C16	CAPACITOR CERAM. SMD 1210	1n0F 10% NP0 63VDC	VITRAMON	VJ1210A102KXAT		67008500
C17	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT		67101100
C18	CAPACITOR CERAM. SMD 0805	390pF 2% NPO 50VDC	AVX	CM 21 CG 391 G 50 A T		67003400
C19	CAPACITOR CERAM. SMD 0805	270pF 2% NPO 50VDC	AVX	CM 21 CG 271 G 50 A T		67003500
C20	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT		67101100
C21	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT		67101100
C22	CAPACITOR CERAM. SMD 1210	1n0F 10% NP0 63VDC	VITRAMON	VJ1210A102KXAT		67008500
C23	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT		67101100
C24	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT		67101100
C25	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT		67101100
C26	CAPACITOR MKT	220nF 10% 63VDC	ERO	1817422065G		62252201
C27	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT		67101100
C28	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT		67101100
C29	CAPACITOR TANTALUM 7343	15uF 10% 16VDC	ERO	CD 156020 K E18		334.294
C30	CAPACITOR CERAM. SMD 1210	1n0F 10% NP0 63VDC	VITRAMON	VJ1210A102KXAT		67008500
C32	CAPACITOR TANTALUM 3528	1u0F 20% 35VDC	ERO	CB 105035 M E17		67700100
L1	CHOKE FIXED SMD 1812	2u2H 10%	DALE	IMC-1812 2.2uH 10% R13		74101100
L2	CHOKE FIXED SMD 1812	100uH 10%	PANASONIC	ELJ FB 101 K F		74101600
L3	CHOKE FIXED SMD 1812	1u0H 10%	PANASONIC	ELJ-FB1R0KF		74101500
N1	PREC. TEMPERATURE SENSOR	LM35CH	NATIONAL	LM 35 CH		85000350
N2	DUAL J-FET OP AMP SO8	LF353, TL072	TEXAS	TL072CDR		85810400
R1	RESISTOR SMD 1206	3k9 OHM 5% 0.25W	ROHM	MCR18		57002300
R2	RESISTOR SMD 1206	27 OHM 5% 0.25W	ROHM	MCR18 EZH J 270		57000400
R3	RESISTOR SMD 1206	3k9 OHM 5% 0.25W	ROHM	MCR18		57002300
R4	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18		57001000
R5	RESISTOR SMD 1206	3k9 OHM 5% 0.25W	ROHM	MCR18		57002300
R6	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18		57002800
R7	RESISTOR SMD 1206	27 OHM 5% 0.25W	ROHM	MCR18 EZH J 270		57000400
R8	RESISTOR SMD 1206	3k9 OHM 5% 0.25W	ROHM	MCR18		57002300
R9	PRESET	100k OHM 10%	BOURNS	3296X-1-104		58251000
R10	RESISTOR SMD 1206	270 OHM 5% 0.25W	ROHM	MCR18 EZH J 271		57001400
R11	RESISTOR SMD 1206	2k2 OHM 5% 0.25W	ROHM	MCR18		57002000
R12	RESISTOR SMD 1206	120k OHM 0.25W	ROHM	MCR18		57004200
R13	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102		57001800
R14	RESISTOR SMD 1206	120k OHM 0.25W	ROHM	MCR18		57004200
R15	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102		57001800
R16	RESISTOR SMD 1206	3k9 OHM 5% 0.25W	ROHM	MCR18		57002300
R17	RESISTOR SMD 1206	18k OHM 5% 0.25W	ROHM	MCR18		57003000
R18	RESISTOR SMD 1206	680 OHM 5% 0.25W	ROHM	MCR18		57007300
R19	RESISTOR SMD 1206	120k OHM 0.25W	ROHM	MCR18		57004200
R20	RESISTOR SMD 1206	820k OHM 5% 0.25W	ROHM	MCR18		57005900
R21	RESISTOR SMD 1206	82k OHM 5% 0.25W	ROHM	MCR18 EZH J 823		57003800
R22	RESISTOR SMD 1206	3k9 OHM 5% 0.25W	ROHM	MCR18		57002300
R23	RESISTOR SMD 1206	3k9 OHM 5% 0.25W	ROHM	MCR18		57002300
R24	RESISTOR SMD 1206	330k OHM 5% 0.25W	ROHM	MCR18		57004400
R25	RESISTOR SMD 1206	27 OHM 5% 0.25W	ROHM	MCR18 EZH J 270		57000400
R26	RESISTOR SMD 1206	150k OHM 5% 0.25W	ROHM	MCR18		57003900
R27	RESISTOR SMD 1206	39k OHM 5% 0.25W	ROHM	MCR18		57003400
R28	RESISTOR SMD 1206	39k OHM 5% 0.25W	ROHM	MCR18		57003400
R29	RESISTOR SMD 1206	27 OHM 5% 0.25W	ROHM	MCR18 EZH J 270		57000400
R30	PRESET UNSEALED	10k OHM 25% 0.1W	BOURNS	3374X-1-103-X		57300100
R31	RESISTOR SMD 1206	470 OHM 5% 0.25W	ROHM	MCR18 EZH J 471		57001500
R32	RESISTOR SMD 1206	39k OHM 5% 0.25W	ROHM	MCR18		57003400

PARTSLIST

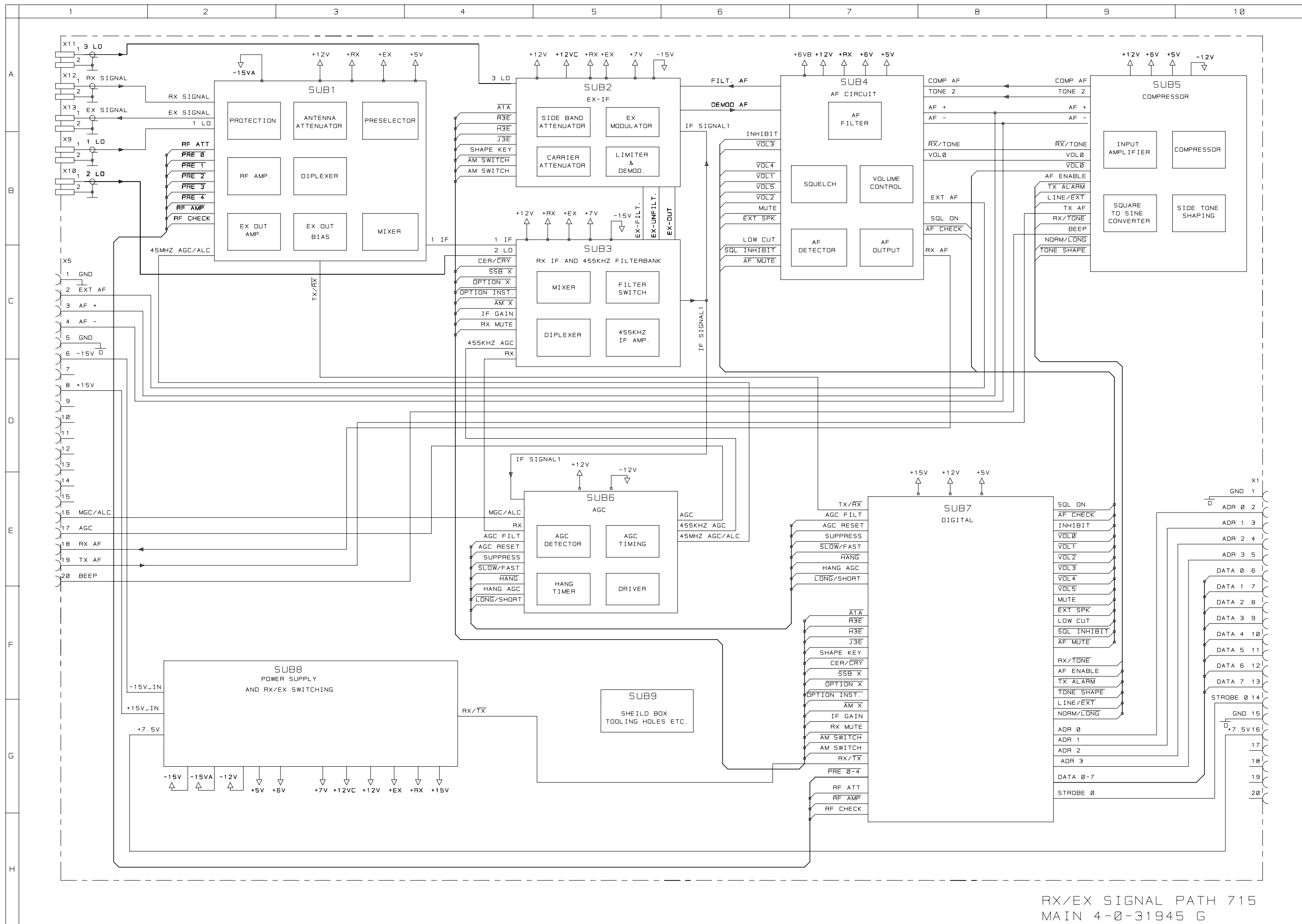
POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
R33	RESISTOR SMD 1206	3R3 OHM 5% 0.25W	ROHM	MCR18 EZH J 3R3	57006700
R34	RESISTOR SMD 1206	3R3 OHM 5% 0.25W	ROHM	MCR18 EZH J 3R3	57006700
R35	RESISTOR SMD 1206	470 OHM 5% 0.25W	ROHM	MCR18 EZH J 471	57001500
R36	RESISTOR SMD 1206	3R3 OHM 5% 0.25W	ROHM	MCR18 EZH J 3R3	57006700
R37	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R38	RESISTOR SMD 1206	2k2 OHM 5% 0.25W	ROHM	MCR18	57002000
R39	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R40	RESISTOR SMD 1206	470k OHM 5% 0.25W	ROHM	MCR18	57004500
R41	RESISTOR SMD 1206	2k2 OHM 5% 0.25W	ROHM	MCR18	57002000
R42	RESISTOR SMD 1206	2k2 OHM 5% 0.25W	ROHM	MCR18	57002000
R43	RESISTOR SMD 1206	27 OHM 5% 0.25W	ROHM	MCR18 EZH J 270	57000400
R44	RESISTOR SMD 1206	27 OHM 5% 0.25W	ROHM	MCR18 EZH J 270	57000400
V1	TRANSISTOR NPN H-SPEED SW	BSV52	PHILIPS	BSV52-215	84720600
V2	TRANSISTOR NPN H-SPEED SW	BSV52	PHILIPS	BSV52-215	84720600
V3	DIODE REFERENCE 6.9V	LM329D	NATIONAL	LM329DZ	83003290
V4	DIODE CAPACITANCE	4p3/28V, BBY40	PHILIPS	BBY 40	83750100
V5	TRANSISTOR AF POWER NPN	DARLINGTON TIP 101	MOTOROLA	TIP 102	29.086
V6	TRANSISTOR RF NPN	BFS17A / BFS17P	PHILIPS	BFS17A	345.517
V7	TRANSISTOR NPN H-SPEED SW	BSV52	PHILIPS	BSV52-215	84720600
V8	TRANSISTOR RF NPN	BFS17A / BFS17P	PHILIPS	BFS17A	345.517
V9	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V10	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V11	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V12	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V13	DIODE ZENER 5.6V 2%		PHILIPS	BZV55B5V6 115	83731900
X8	RIBBON CABLE 6 POLES	2x uMATCH, L=28mm	ELFAC	37378501B	37378501
C26	CAPACITOR MKT	220nF 10% 63VDC	ERO	1817422065G	62252201
X8	RIBBON CABLE 6 POLES	2x uMATCH, L=28mm	ELFAC	37378501B	37378501
R9	PRESET	100k OHM 10%	BOURNS	3296W-1-104	58251001
V3	DIODE REFERENCE 6.9V	LM329D	NATIONAL	LM329DZ	83003290
V5	TRANSISTOR AF POWER NPN	DARLINGTON TIP 101	MOTOROLA	TIP 102	29.086
N1	PREC. TEMPERATURE SENSOR	LM35CH	NATIONAL	LM 35 CH	85000350
Z1	XTAL 20.4800 MHz 0.35ppm		TELE QUARTZ	383 731 51 C	38373151

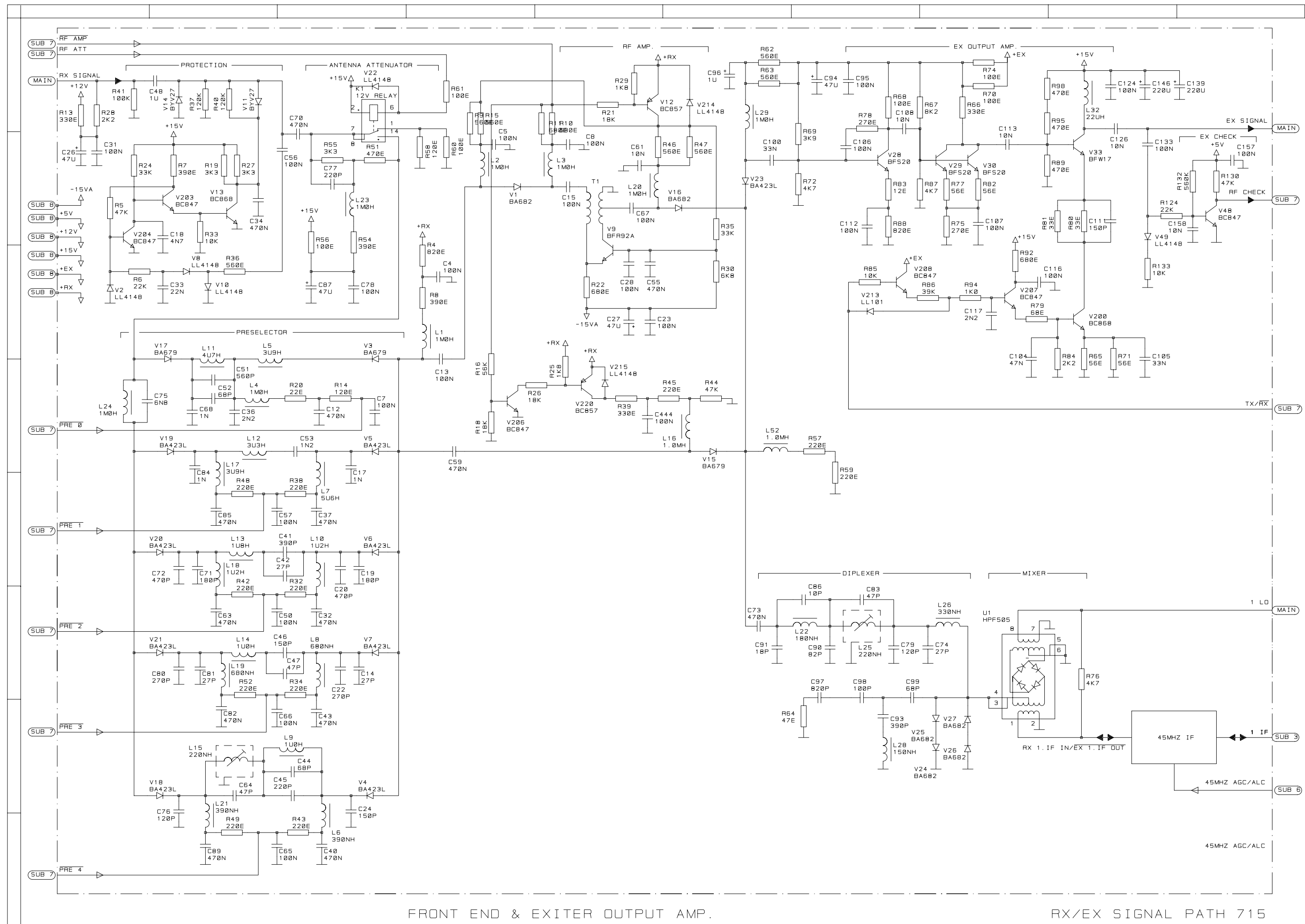


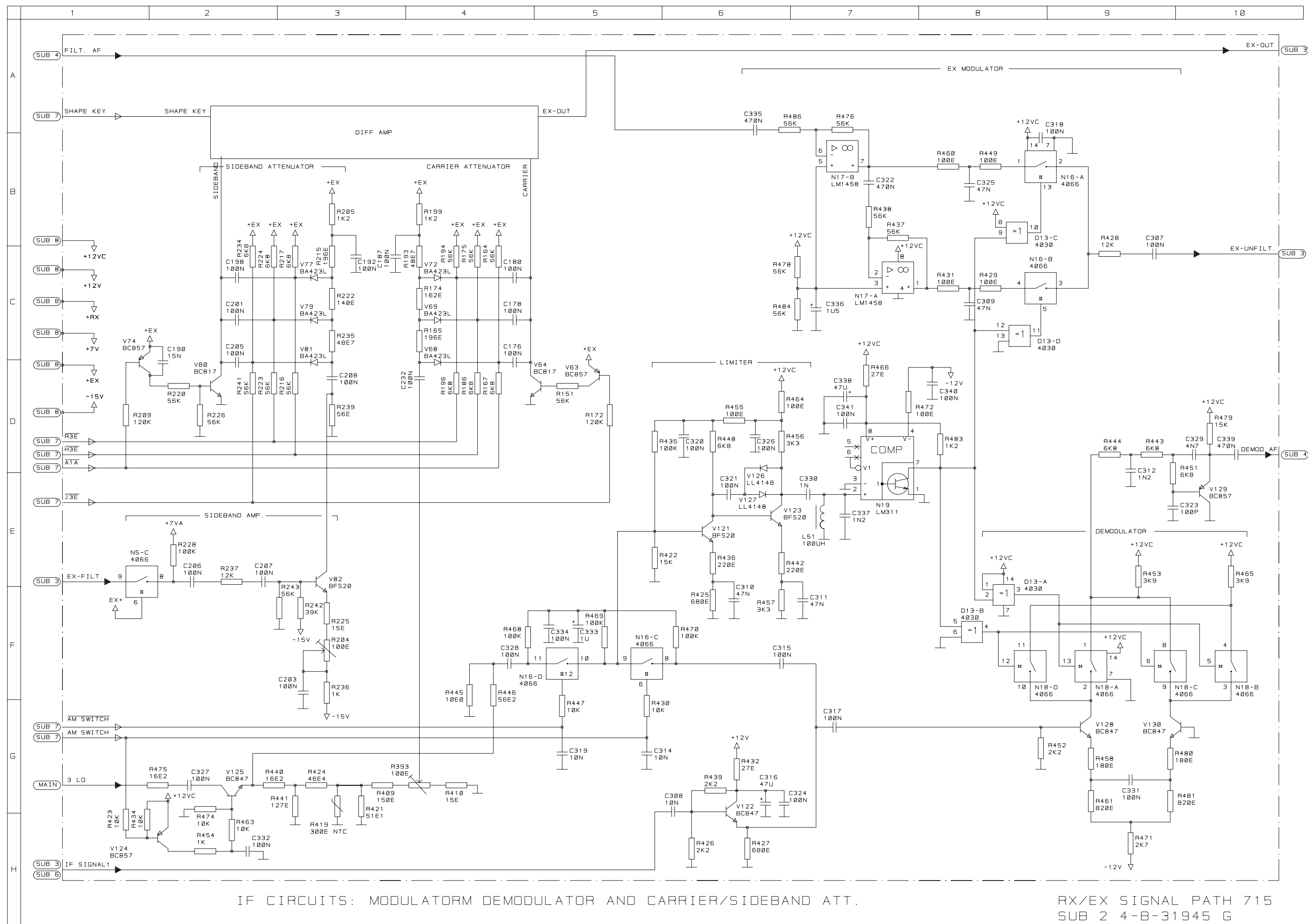
RX/EX SIGNAL PATH 715
 5-6-31945 F
 VIEWED FROM TOP SIDE

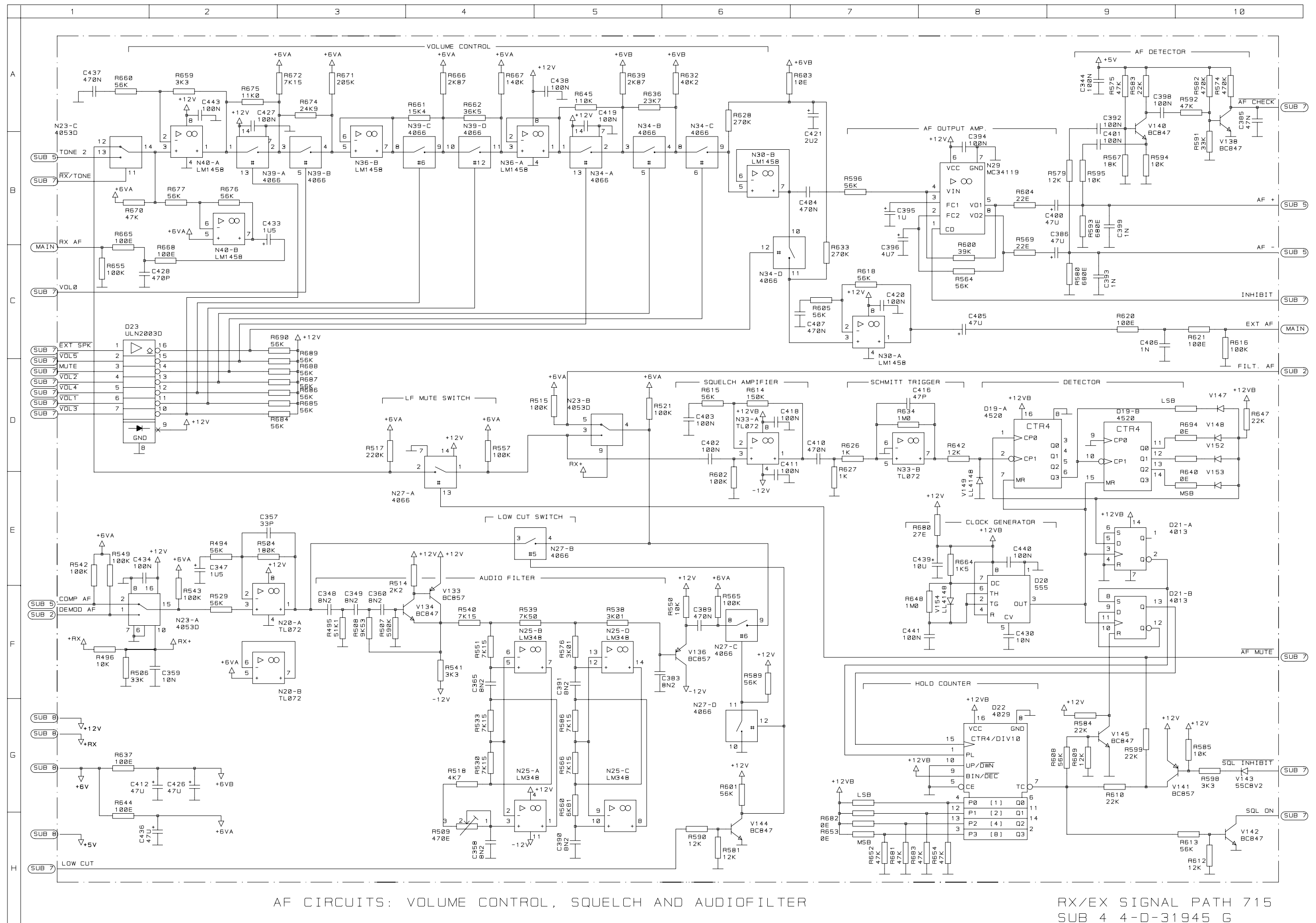


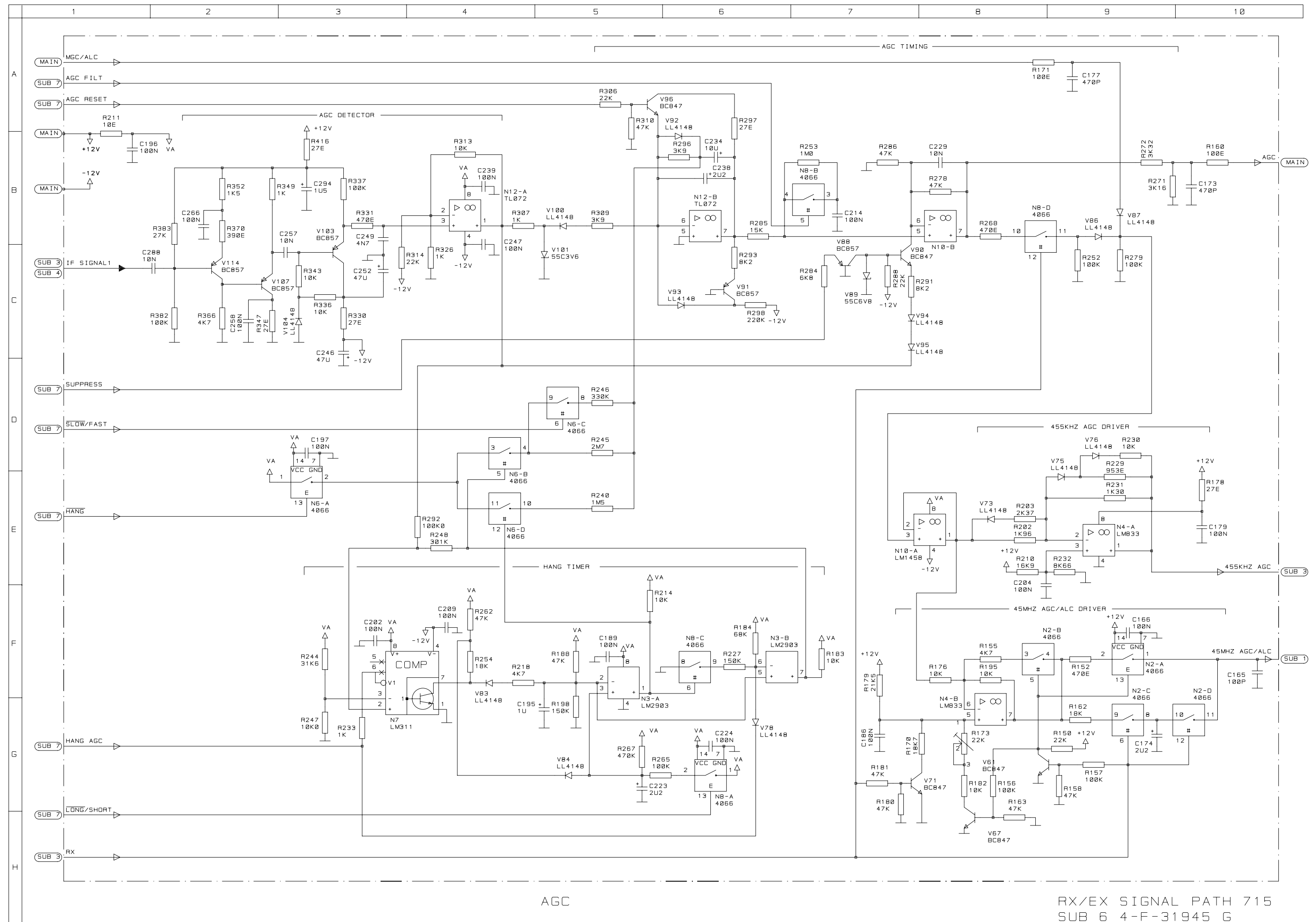
RX/EX SIGNAL PATH 715
 5-5-31945 F
 VIEWED FROM BOTTOM SIDE

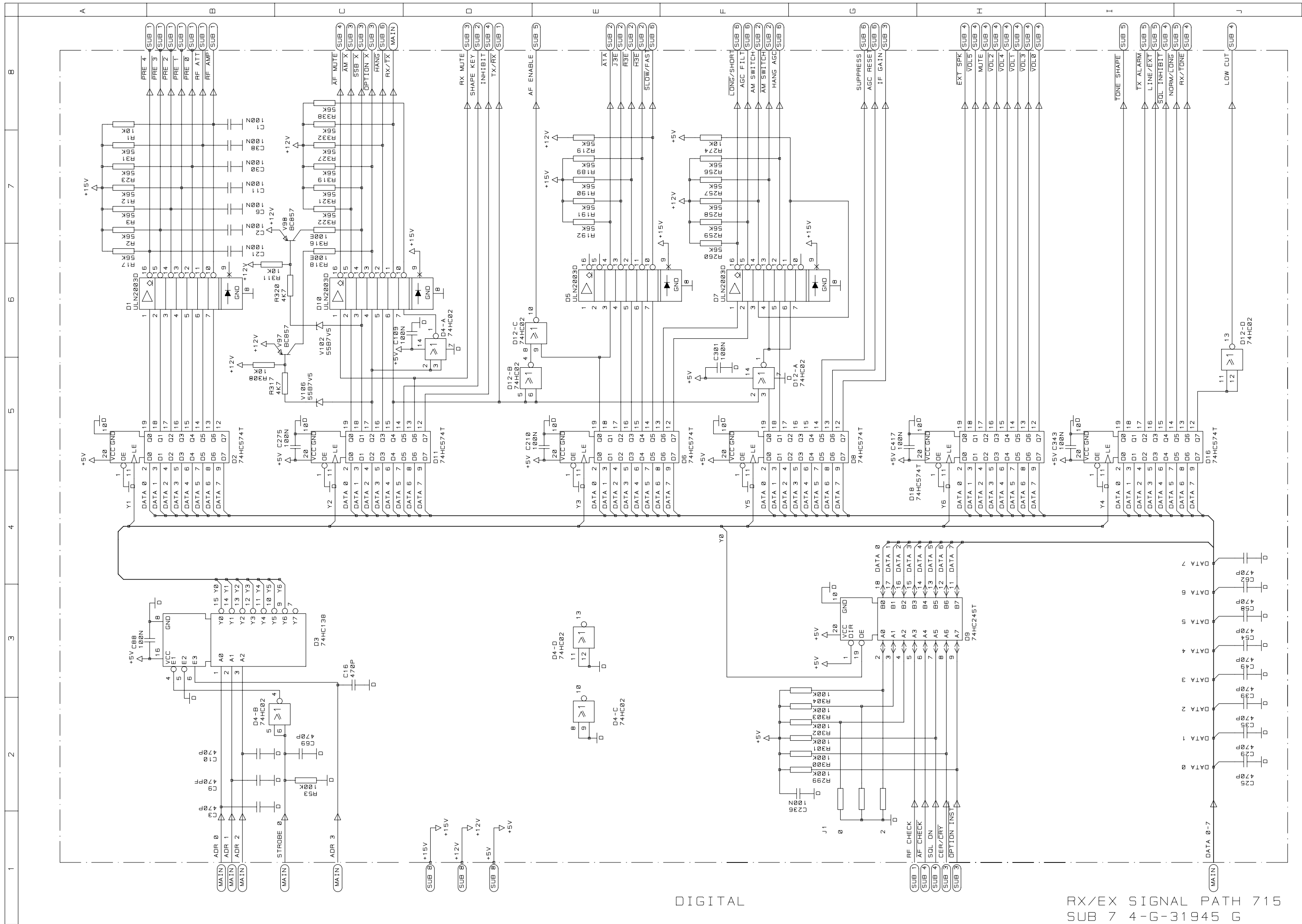


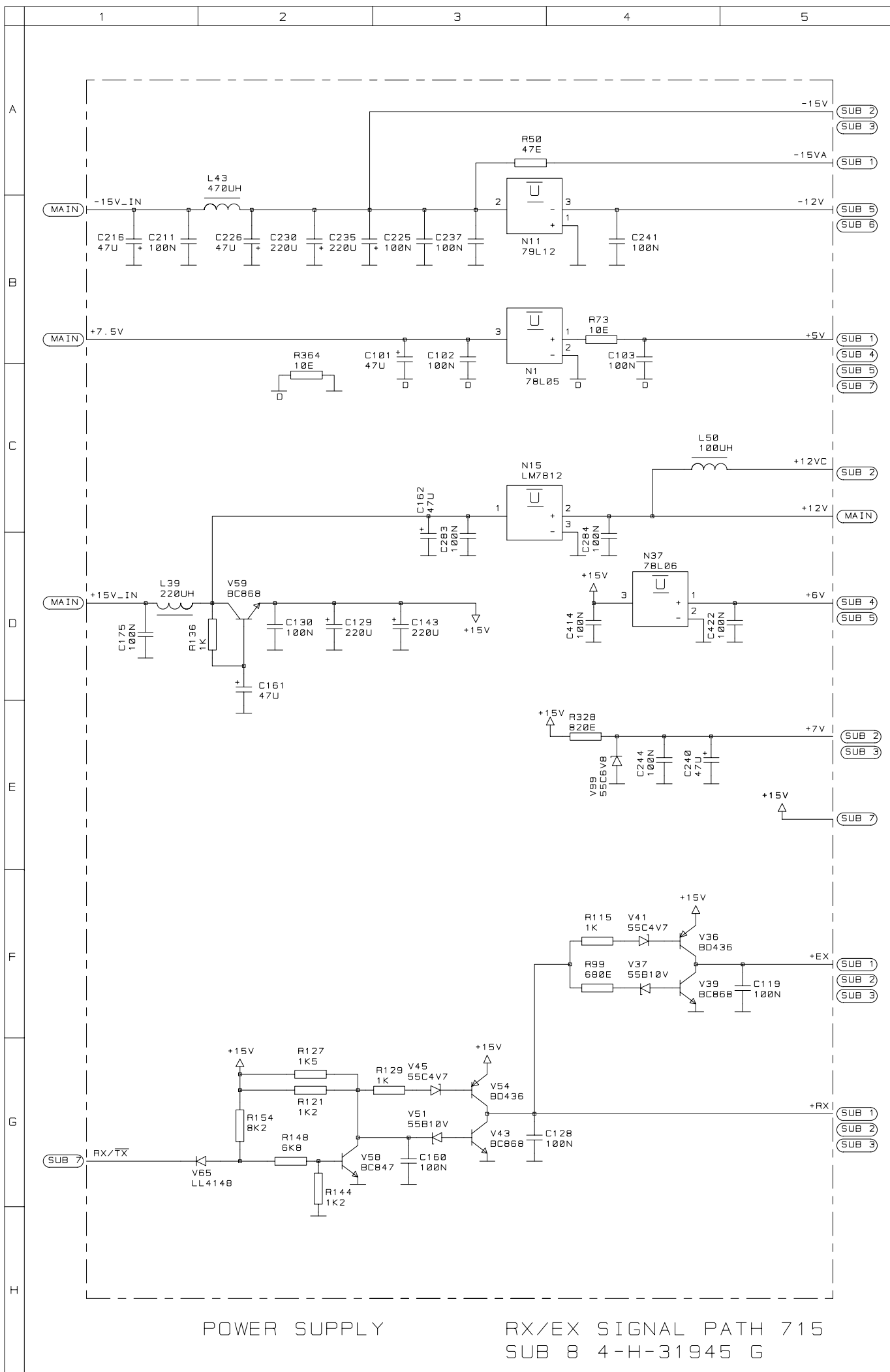


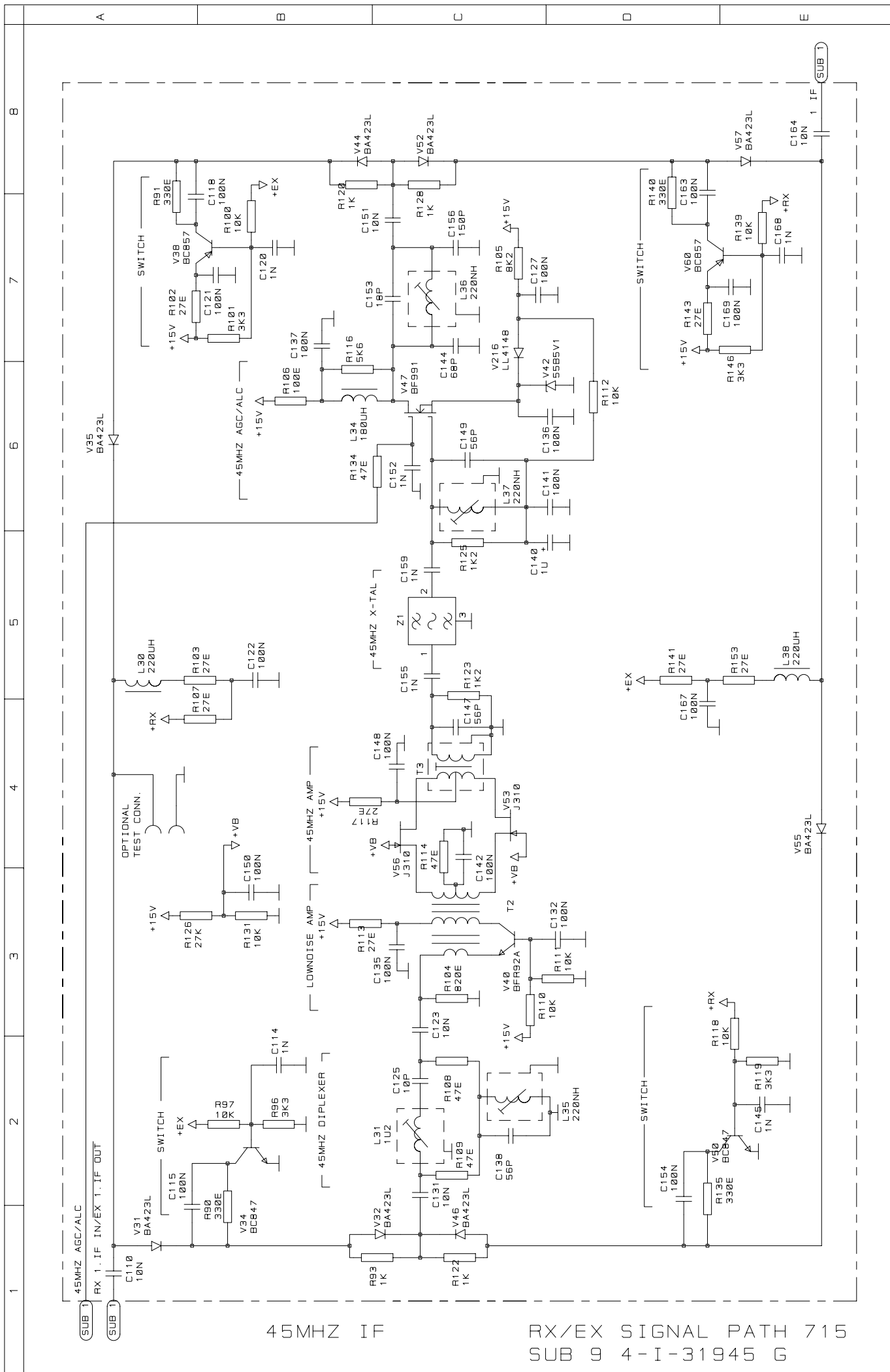


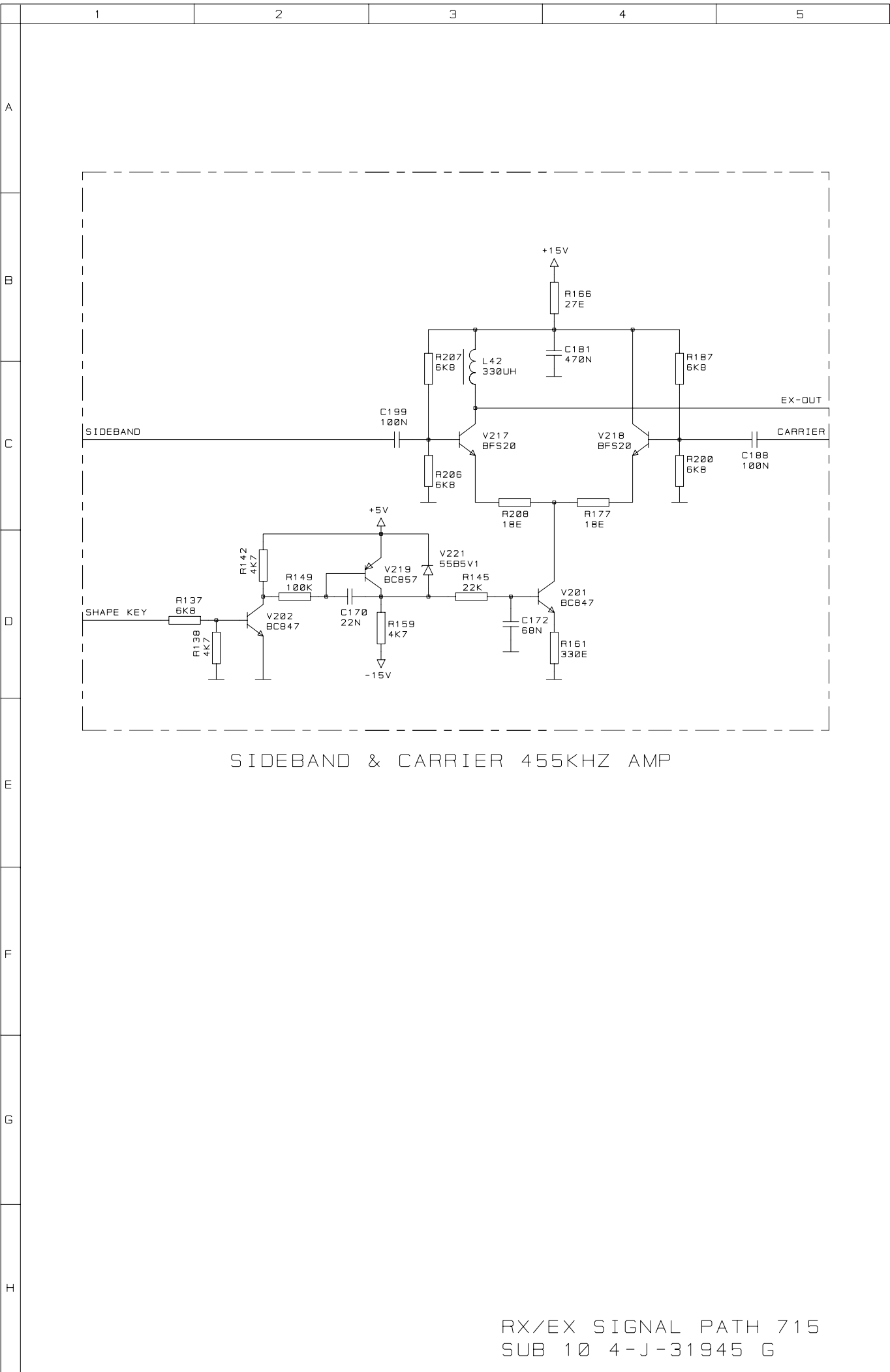


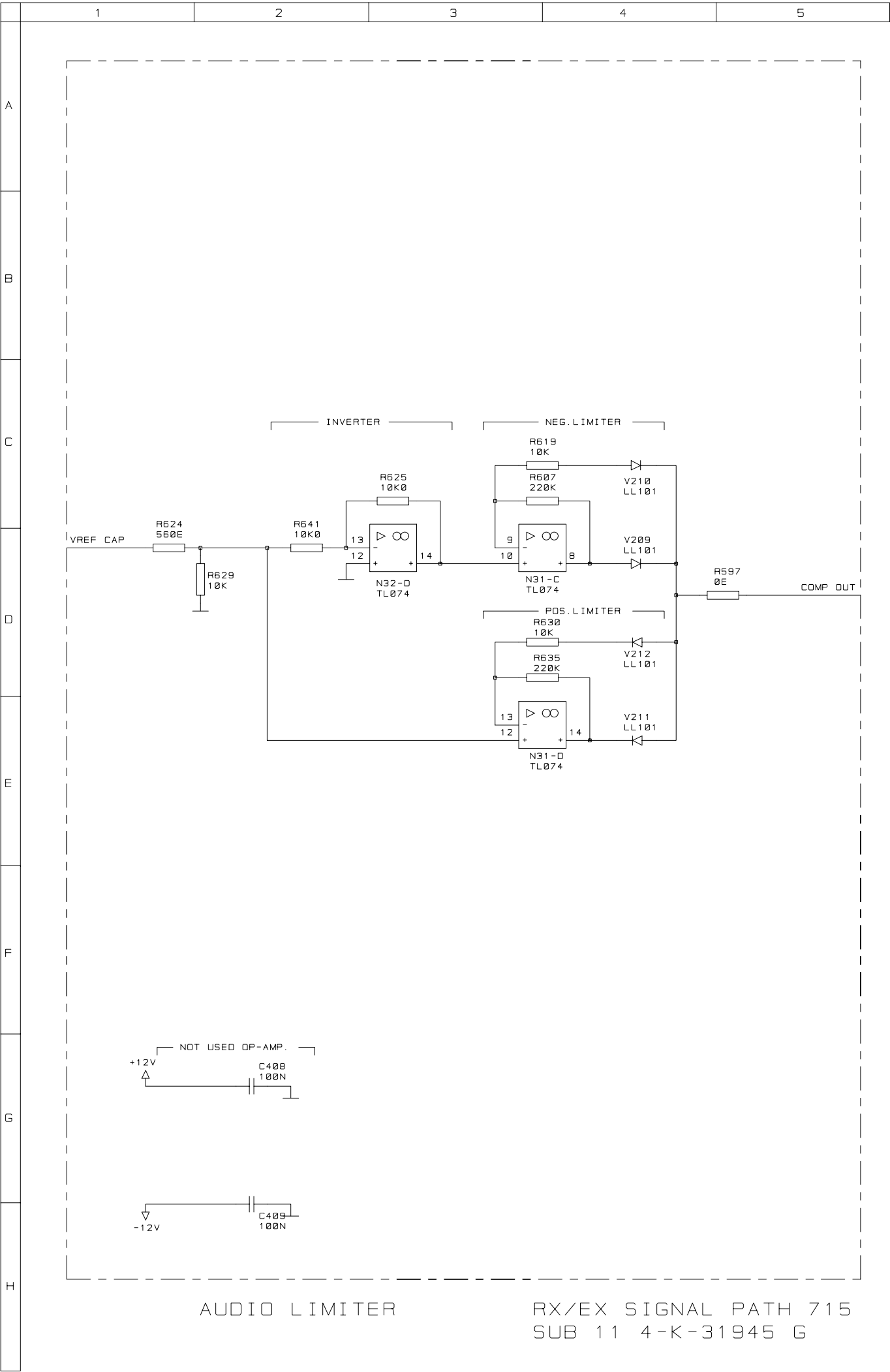












PARTS LIST

RX/EX SIGNAL PATH 715S			ECI A/S	631945 + Ver. 01	63194501	
POSITION	DESCRIPTION			MANUFACTOR	TYPE	PART NO.
VARIOUS	EMC TOP 1, COMPONENT SIDE		ECI A/S	1-0-30828A		230828
VARIOUS	EMC TOP 1, SOLDERING SIDE		ECI A/S	1-0-30829A		230829
VARIOUS	LARGE HIGH CHASSIS FOR	RX/EX SIGNAL PATH 715	ECI A/S	1-0-31324D		231324
VARIOUS	SMALL HIGH CHASSIS FOR	RX/EX SIGNAL PATH 715	ECI A/S	1-0-31325D		231325
VARIOUS	LARGE LOW CHASSIS FOR	RX/EX SIGNAL PATH 715	ECI A/S	1-0-31326D		231326
VARIOUS	SMALL LOW CHASSIS FOR	RX/EX SIGNAL PATH 715	ECI A/S	1-0-31327D		231327
VARIOUS	HIGH DIVIDING WALL FOR	RX/EX SIGNAL PATH 715	ECI A/S	1-0-31330C		231330
VARIOUS	LOW DIVIDING WALL FOR	RX/EX SIGNAL PATH 715	ECI A/S	1-0-31331C		231331
VARIOUS			ECI A/S	1-0-31595A		231595
VARIOUS			ECI A/S	1-0-31596A		231596
VARIOUS	RX/EX SIGNAL PATH 715,	BASE UNIT	ECI A/S	5-6-31945F / 4-0-31945N		631945

PARTS LIST

RX/EX SIGNAL PATH 715,		BASE UNIT	ECI A/S	5-6-31945F / 4-0-31945N	631945
POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
T2	RESISTOR MF	27 OHM 5% 0.33W	PHILIPS	2322 187 73279	02.434
C1	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C2	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C3	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C4	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C5	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C6	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C7	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C8	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C9	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C10	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C11	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C12	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C13	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C14	CAPACITOR CERAM. SMD 0805	27pF 2% NPO 50VDC	AVX	CM 21 CG 270 G 50 A T	67005900
C15	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C16	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C17	CAPACITOR CERAM. SMD 1210	1n0F 2% NPO 50VDC	VITRAMON	VJ1210A102GXAT(M)	67003200
C18	CAPACITOR CERAM. SMD 1210	4n7F 2% NPO 50VDC	VITRAMON	VJ1210A472GXAT	67003000
C19	CAPACITOR CERAM. SMD 0805	180pF 2% NPO 50VDC	AVX	CM 21 CG 181 G 50 A T	67006300
C20	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C21	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C22	CAPACITOR CERAM. SMD 0805	270pF 2% NPO 50VDC	AVX	CM 21 CG 271 G 50 A T	67003500
C23	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C24	CAPACITOR CERAM. SMD 0805	150pF 2% NPO 50VDC	AVX	CM 21 CG 151 G 50 A T	67004900
C25	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C26	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C27	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C28	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C29	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C30	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C31	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C32	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C33	CAPACITOR CERAM. SMD 1210	22nF 10% X7R 50VDC	VITRAMON	VJ1210Y223KXAT	67102100
C34	CAPACITOR MKT	470nF 5% 63VDC	ERO	MKT 1826-447/06 4-G	11.187
C35	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C36	CAPACITOR CERAM. SMD 1210	2n2F 2% NPO 50VDC	VITRAMON	VJ1210A222GXAT	67004200
C37	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C38	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C39	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C40	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C41	CAPACITOR CERAM. SMD 0805	390pF 2% NPO 50VDC	AVX	CM 21 CG 391 G 50 A T	67003400
C42	CAPACITOR CERAM. SMD 0805	27pF 2% NPO 50VDC	AVX	CM 21 CG 270 G 50 A T	67005900
C43	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C44	CAPACITOR CERAM. SMD 0805	68pF 2% NPO 50VDC	VITRAMON	VJ0805A680GXAT(M)	67006600
C45	CAPACITOR CERAM. SMD 0805	220pF 2% NPO 50VDC	AVX	CM 21 CG 221 G 50 A T	67006400
C46	CAPACITOR CERAM. SMD 0805	150pF 2% NPO 50VDC	AVX	CM 21 CG 151 G 50 A T	67004900
C47	CAPACITOR CERAM. SMD 0805	47pF 2% NPO 50VDC	AVX	CM 21 CG 470 G 50 A T	67004800
C48	CAPACITOR MKT	1u0F 10% 100VDC	ROEDERSTEIN	MKT1826-510/015	62361003
C49	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C50	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C51	CAPACITOR CERAM. SMD 0805	560pF 2% NPO 50VDC	VITRAMON	VJ0805A561GXAT(M)	67006500
C52	CAPACITOR CERAM. SMD 0805	68pF 2% NPO 50VDC	VITRAMON	VJ0805A680GXAT(M)	67006600
C53	CAPACITOR CERAM. SMD 1210	1n2F 2% NPO 50VDC	VITRAMON	VJ1210A122GXAT(M)	67007400
C54	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C55	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C56	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C57	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C58	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C59	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C61	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C62	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C63	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C64	CAPACITOR CERAM. SMD 0805	47pF 2% NPO 50VDC	AVX	CM 21 CG 470 G 50 A T	67004800
C65	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C66	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C67	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C68	CAPACITOR CERAM. SMD 1210	1n0F 2% NPO 50VDC	VITRAMON	VJ1210A102GXAT(M)	67003200

PARTSLIST

POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
C69	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C70	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C71	CAPACITOR CERAM. SMD 0805	180pF 2% NPO 50VDC	AVX	CM 21 CG 181 G 50 A T	67006300
C72	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C73	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C74	CAPACITOR CERAM. SMD 0805	27pF 2% NPO 50VDC	AVX	CM 21 CG 270 G 50 A T	67005900
C75	CAPACITOR CERAM. SMD 1210	6n8F 2% NPO 50VDC	VITRAMON	VJ1210A682GXAT(M)	67007200
C76	CAPACITOR CERAM. SMD 0805	120pF 2% NPO 50VDC	VITRAMON	VJ0805A121GXAT(M)	67006700
C77	CAPACITOR CERAM. SMD 0805	220pF 2% NPO 50VDC	AVX	CM 21 CG 221 G 50 A T	67006400
C78	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C79	CAPACITOR CERAM. SMD 0805	120pF 2% NPO 50VDC	VITRAMON	VJ0805A121GXAT(M)	67006700
C80	CAPACITOR CERAM. SMD 0805	270pF 2% NPO 50VDC	AVX	CM 21 CG 271 G 50 A T	67003500
C81	CAPACITOR CERAM. SMD 0805	27pF 2% NPO 50VDC	AVX	CM 21 CG 270 G 50 A T	67005900
C82	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C83	CAPACITOR CERAM. SMD 0805	47pF 2% NPO 50VDC	AVX	CM 21 CG 470 G 50 A T	67004800
C84	CAPACITOR CERAM. SMD 1210	1n0F 2% NPO 50VDC	VITRAMON	VJ1210A102GXAT(M)	67003200
C85	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C86	CAPACITOR CERAM. SMD 0805	10pF 2% NPO 50VDC	AVX	CM 21 CG 100 G 50 A T	67004400
C87	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C88	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C89	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C90	CAPACITOR CERAM. SMD 0805	82pF 2% NPO 50VDC	VITRAMON	VJ0805A820GXAT(M)	67003900
C91	CAPACITOR CERAM. SMD 0805	18pF 2% NPO 50VDC	VITRAMON	VJ0805A180GXAT(M)	67004000
C93	CAPACITOR CERAM. SMD 0805	390pF 2% NPO 50VDC	AVX	CM 21 CG 391 G 50 A T	67003400
C94	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C95	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C96	CAPACITOR TANTALUM 3528	1u0F 20% 35VDC	ERO	CB 105035 M E17	67700100
C97	CAPACITOR CERAM. SMD 0805	820pF 2% NPO 50VDC	VITRAMON	VJ0805A821GXAT	67006900
C98	CAPACITOR CERAM. SMD 0805	100pF 2% NPO 50VDC	VITRAMON	VJ0805A101GXAT(M)	67005500
C99	CAPACITOR CERAM. SMD 0805	68pF 2% NPO 50VDC	VITRAMON	VJ0805A680GXAT(M)	67006600
C100	CAPACITOR CERAM. SMD 1210	33nF 10% X7R 50VDC	VITRAMON	VJ1210Y333KFAT	67103400
C101	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C102	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C103	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C104	CAPACITOR CERAM. SMD 1210	47nF 10% X7R 50VDC	VITRAMON	VJ1210Y473KXAT	67100900
C105	CAPACITOR CERAM. SMD 1210	33nF 10% X7R 50VDC	VITRAMON	VJ1210Y333KFAT	67103400
C106	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C107	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C108	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C109	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C110	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C111	CAPACITOR CERAM. SMD 0805	150pF 2% NPO 50VDC	AVX	CM 21 CG 151 G 50 A T	67004900
C112	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C113	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C114	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C115	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C116	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C117	CAPACITOR CERAM. SMD 0805	2n2F 10% X7R 50VDC	MURATA	GRM40 X7R 222 K 50 PT	328.328
C118	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C119	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C120	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C121	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C122	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C123	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C124	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C125	CAPACITOR CERAM. SMD 0805	10pF 2% NPO 50VDC	AVX	CM 21 CG 100 G 50 A T	67004400
C126	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C127	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C128	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C129	CAPACITOR ELECTROLYTIC	220uF 20% 25VDC	PHILIPS	2222 135 76221(LIGE BEN)	14.646
C130	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C131	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C132	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C133	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C135	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C136	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C137	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C138	CAPACITOR CERAM. SMD 0805	56pF 2% NPO 50VDC	AVX	CM21 CG 560 G 50 A T	67003100
C139	CAPACITOR ELECTROLYTIC	220uF 20% 25VDC	PHILIPS	2222 135 76221(LIGE BEN)	14.646
C140	CAPACITOR TANTALUM 3528	1u0F 20% 35VDC	ERO	CB 105035 M E17	67700100
C141	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C142	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C143	CAPACITOR ELECTROLYTIC	220uF 20% 25VDC	PHILIPS	2222 135 76221(LIGE BEN)	14.646
C144	CAPACITOR CERAM. SMD 0805	68pF 2% NPO 50VDC	VITRAMON	VJ0805A680GXAT(M)	67006600

PARTSLIST

POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
C145	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C146	CAPACITOR ELECTROLYTIC	220uF 20% 25VDC	PHILIPS	2222 135 76221(LIGE BEN)	14.646
C147	CAPACITOR CERAM. SMD 0805	56pF 2% NPO 50VDC	AVX	CM21 CG 560 G 50 A T	67003100
C148	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C149	CAPACITOR CERAM. SMD 0805	56pF 2% NPO 50VDC	AVX	CM21 CG 560 G 50 A T	67003100
C150	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C151	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C152	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C153	CAPACITOR CERAM. SMD 0805	18pF 2% NPO 50VDC	VITRAMON	VJ0805A180GXAT(M)	67004000
C154	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C155	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C156	CAPACITOR CERAM. SMD 0805	150pF 2% NPO 50VDC	AVX	CM 21 CG 151 G 50 A T	67004900
C157	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C158	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C159	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C160	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C161	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C162	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C163	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C164	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C165	CAPACITOR CERAM. SMD 0805	100pF 2% NPO 50VDC	VITRAMON	VJ0805A101GXAT(M)	67005500
C166	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C167	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C168	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C169	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C170	CAPACITOR CERAM. SMD 1210	22nF 10% X7R 50VDC	VITRAMON	VJ1210Y223KXAT	67102100
C171	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C172	CAPACITOR CERAM. SMD 1210	68nF 10% X7R 50VDC	VITRAMON	VJ1210Y683KXAT	67101000
C173	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C174	CAPASITOR TANTALUM 6032	2u2F 10% 35VDC	SPRAGUE	293D 225 X9 035 C2T	67700500
C175	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C176	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C177	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C178	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C179	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C180	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C181	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C182	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C183	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C184	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C185	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C186	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C187	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C188	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C189	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C190	CAPACITOR CERAM. SMD 1210	15nF 10% X7R 50VDC	VITRAMON	VJ1210Y153KXAT	67103000
C191	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C192	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C193	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C194	CAPACITOR CERAM. SMD 1210	1n8F 2% NPO 50VDC	VITRAMON	VJ1210A182GXAT(M)	67007500
C195	CAPACITOR TANTALUM 3528	1u0F 20% 35VDC	ERO	CB 105035 M E17	67700100
C196	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C197	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C198	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C199	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C200	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C201	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C202	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C203	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C204	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C205	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C206	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C207	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C208	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C209	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C210	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C211	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C212	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C213	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C214	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C215	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C216	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C217	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C218	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336

POSITION	DESCRIPTION		MANUFACTURER	TYPE	PART NO.
C219	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C220	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C221	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C222	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C223	CAPASITOR TANTALUM 6032	2u2F 10% 35VDC	SPRAGUE	293D 225 X9 035 C2T	67700500
C224	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C225	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C226	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C227	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C228	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C229	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C230	CAPACITOR ELECTROLYTIC	220uF 20% 25VDC	PHILIPS	2222 135 76221(LIGE BEN)	14.646
C231	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C232	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C233	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C234	CAPACITOR TANTALUM	10uF 10% 25VDC	SIEMENS	B45196-B5106-K409	67700300
C235	CAPACITOR ELECTROLYTIC	220uF 20% 25VDC	PHILIPS	2222 135 76221(LIGE BEN)	14.646
C236	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C237	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C238	CAPASITOR TANTALUM 6032	2u2F 10% 35VDC	SPRAGUE	293D 225 X9 035 C2T	67700500
C239	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C240	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C241	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C242	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C243	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C244	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C245	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C246	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C247	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C248	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C249	CAPACITOR CERAM. SMD 1210	4n7F 2% NP0 50VDC	VITRAMON	VJ1210A472GXAT	67003000
C250	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C251	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C252	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C253	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C254	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C255	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C256	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C257	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C258	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C259	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C260	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C261	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C262	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C263	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336

PARTSLIST

POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
C293	CAPACITOR CERAM. SMD 1210	1n2F 2% NPO 50VDC	VITRAMON	VJ1210A122GXAT(M)	67007400
C294	CAPACITOR TANTALUM	1u5F 10% 25VDC	SPRAGUE	293D155X9025B2T	67700900
C295	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C296	CAPACITOR CERAM. SMD 1210	1n2F 2% NPO 50VDC	VITRAMON	VJ1210A122GXAT(M)	67007400
C297	CAPACITOR CERAM. SMD 1210	1n8F 2% NPO 50VDC	VITRAMON	VJ1210A182GXAT(M)	67007500
C298	CAPACITOR CERAM. SMD 1210	1n8F 2% NPO 50VDC	VITRAMON	VJ1210A182GXAT(M)	67007500
C299	CAPACITOR CERAM. SMD 1210	1n8F 2% NPO 50VDC	VITRAMON	VJ1210A182GXAT(M)	67007500
C300	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C301	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C302	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C303	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C304	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C305	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C306	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C307	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C308	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C309	CAPACITOR CERAM. SMD 1210	47nF 10% X7R 50VDC	VITRAMON	VJ1210Y473KXAT	67100900
C310	CAPACITOR CERAM. SMD 1210	47nF 10% X7R 50VDC	VITRAMON	VJ1210Y473KXAT	67100900
C311	CAPACITOR CERAM. SMD 1210	47nF 10% X7R 50VDC	VITRAMON	VJ1210Y473KXAT	67100900
C312	CAPACITOR CERAM. SMD 1210	1n2F 2% NPO 50VDC	VITRAMON	VJ1210A122GXAT(M)	67007400
C313	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C314	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C315	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C316	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C317	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C318	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C319	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C320	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C321	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C322	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C323	CAPACITOR CERAM. SMD 0805	100pF 2% NPO 50VDC	VITRAMON	VJ0805A101GXAT(M)	67005500
C324	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C325	CAPACITOR CERAM. SMD 1210	47nF 10% X7R 50VDC	VITRAMON	VJ1210Y473KXAT	67100900
C326	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C327	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C328	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C329	CAPACITOR CERAM. SMD 1210	4n7F 2% NPO 50VDC	VITRAMON	VJ1210A472GXAT	67003000
C330	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C331	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C332	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C333	CAPACITOR TANTALUM 3528	1u0F 20% 35VDC	ERO	CB 105035 M E17	67700100
C334	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C335	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C336	CAPACITOR TANTALUM	1u5F 10% 25VDC	SPRAGUE	293D155X9025B2T	67700900
C337	CAPACITOR CERAM. SMD 1210	1n2F 2% NPO 50VDC	VITRAMON	VJ1210A122GXAT(M)	67007400
C338	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C339	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C340	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C341	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C342	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C343	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C344	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C345	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C346	CAPACITOR CERAM. SMD 1210	1n8F 2% NPO 50VDC	VITRAMON	VJ1210A182GXAT(M)	67007500
C347	CAPACITOR TANTALUM	1u5F 10% 25VDC	SPRAGUE	293D155X9025B2T	67700900
C348	CAPACITOR CERAM. SMD 1210	8n2F 2% NPO 50VDC	VITRAMON	VJ1210A822GXAT(M)	67007100
C349	CAPACITOR CERAM. SMD 1210	8n2F 2% NPO 50VDC	VITRAMON	VJ1210A822GXAT(M)	67007100
C350	CAPACITOR CERAM. SMD 1206	100nF 10% X7R 50VDC	MURATA	GRM42-6 X7R 104 K 50 PT	328.648
C351	CAPACITOR CERAM. SMD 0805	2n2F 10% X7R 50VDC	MURATA	GRM40 X7R 222 K 50 PT	328.328
C352	CAPACITOR CERAM. SMD 0805	820pF 2% NPO 50VDC	VITRAMON	VJ0805A821GXAT	67006900
C353	CAPACITOR TANTALUM 3528	1u0F 20% 35VDC	ERO	CB 105035 M E17	67700100
C354	CAPACITOR CERAM. SMD 0805	150pF 2% NPO 50VDC	AVX	CM 21 CG 151 G 50 A T	67004900
C355	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C356	CAPACITOR CERAM. SMD 1210	2n2F 2% NPO 50VDC	VITRAMON	VJ1210A222GXAT	67004200
C357	CAPACITOR CERAM. SMD 0805	33pF 2% NPO 50VDC	VITRAMON	VJ0805A330GXAT	67005700
C358	CAPACITOR CERAM. SMD 1210	8n2F 2% NPO 50VDC	VITRAMON	VJ1210A822GXAT(M)	67007100
C359	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C360	CAPACITOR CERAM. SMD 1210	8n2F 2% NPO 50VDC	VITRAMON	VJ1210A822GXAT(M)	67007100
C361	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C362	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C363	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C364	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C365	CAPACITOR CERAM. SMD 1210	8n2F 2% NPO 50VDC	VITRAMON	VJ1210A822GXAT(M)	67007100
C366	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324

PARTSLIST

POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
C367	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C368	CAPACITOR CERAM. SMD 0805	680pF 2% NP0 50VDC	VITRAMON	VJ0805A681GXAT	67005000
C369	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C370	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C371	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C372	CAPACITOR TANTALUM	1u5F 10% 25VDC	SPRAGUE	293D155X9025B2T	67700900
C373	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C374	CAPACITOR TANTALUM	1u5F 10% 25VDC	SPRAGUE	293D155X9025B2T	67700900
C375	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C376	CAPACITOR CERAM. SMD 0805	680pF 2% NP0 50VDC	VITRAMON	VJ0805A681GXAT	67005000
C377	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C378	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C379	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C380	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C383	CAPACITOR CERAM. SMD 1210	8n2F 2% NP0 50VDC	VITRAMON	VJ1210A822GXAT(M)	67007100
C384	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C385	CAPACITOR CERAM. SMD 1210	47nF 10% X7R 50VDC	VITRAMON	VJ1210Y473KXAT	67100900
C386	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C387	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C388	CAPACITOR CERAM. SMD 0805	470pF 2% NP0 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C389	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C390	CAPACITOR CERAM. SMD 1210	8n2F 2% NP0 50VDC	VITRAMON	VJ1210A822GXAT(M)	67007100
C391	CAPACITOR CERAM. SMD 1210	8n2F 2% NP0 50VDC	VITRAMON	VJ1210A822GXAT(M)	67007100
C392	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C393	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C394	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C395	CAPACITOR TANTALUM 3528	1u0F 20% 35VDC	ERO	CB 105035 M E17	67700100
C396	CAPACITOR TANTALUM	4u7F 10% 35VDC	SPRAGUE	293D475X9035D2T	67700200
C397	CAPACITOR TANTALUM	1u5F 10% 25VDC	SPRAGUE	293D155X9025B2T	67700900
C398	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C399	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C400	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C401	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C402	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C403	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C404	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C405	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C406	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C407	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C408	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C409	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C410	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C411	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C412	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C413	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C414	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C415	CAPACITOR TANTALUM 3216	u47F 20% 25VDC	SPRAQE	293D 474 X0 025 A2T	67700000
C416	CAPACITOR CERAM. SMD 0805	47pF 2% NP0 50VDC	AVX	CM 21 CG 470 G 50 A T	67004800
C417	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C418	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C419	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C420	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C421	CAPASITOR TANTALUM 6032	2u2F 10% 35VDC	SPRAGUE	293D 225 X9 035 C2T	67700500
C422	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C423	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C424	CAPACITOR CERAM. SMD 0805	680pF 2% NP0 50VDC	VITRAMON	VJ0805A681GXAT	67005000
C425	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C426	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C427	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C428	CAPACITOR CERAM. SMD 0805	470pF 2% NP0 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C429	CAPACITOR TANTALUM	1u5F 10% 25VDC	SPRAGUE	293D155X9025B2T	67700900
C430	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C431	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C432	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C433	CAPACITOR TANTALUM	1u5F 10% 25VDC	SPRAGUE	293D155X9025B2T	67700900
C434	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C435	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C436	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C437	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C438	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C439	CAPACITOR TANTALUM	10uF 10% 25VDC	SIEMENS	B45196-B5106-K409	67700300
C440	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C441	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C442	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938

PARTSLIST

POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
C443	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C444	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C445	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C446	CAPACITOR MKT	470nF 5% 63VDC	ERO	MKT 1826-447/06 4-G	11.187
D1	POW.DARLINGTON DRIVER x 7	ULN2003A/MC1413	TEXAS	ULN2003AD R	85990500
D2	OCTAL D-FF POS. EDGE TRIG	74HC574	TEXAS	SN74HC574DWR	85980400
D3	3 TO 8 LINE DECODER	74HC138	TEXAS	SN74HC138D R	355.235
D4	QUAD 2-INPUT NOR GATE	HCMOS 74HC02	MOTOROLA	MC74HC02DR2	350.202
D5	POW.DARLINGTON DRIVER x 7	ULN2003A/MC1413	TEXAS	ULN2003AD R	85990500
D6	OCTAL D-FF POS. EDGE TRIG	74HC574	TEXAS	SN74HC574DWR	85980400
D7	POW.DARLINGTON DRIVER x 7	ULN2003A/MC1413	TEXAS	ULN2003AD R	85990500
D8	OCTAL D-FF POS. EDGE TRIG	74HC574	TEXAS	SN74HC574DWR	85980400
D9	OCTAL BUS TRANSCEIVER	74HC245	TEXAS	SN74HC245DW R	85981500
D10	POW.DARLINGTON DRIVER x 7	ULN2003A/MC1413	TEXAS	ULN2003AD R	85990500
D11	OCTAL D-FF POS. EDGE TRIG	74HC574	TEXAS	SN74HC574DWR	85980400
D12	QUAD 2-INPUT NOR GATE	HCMOS 74HC02	MOTOROLA	MC74HC02DR2	350.202
D13	QUAD EXCLUSIVE-OR GATE	MC14070B, 4030B	MOTOROLA	MC14070BCDR2	85911500
D14	DUAL BINARY COUNTER SYN.	TC4520, HEF4520	TOSHIBA	TC4520BFN ELP	85911700
D15	8-BIT SER/PAR SHIFT REG.	74HC164	MOTOROLA	MC74HC164DR1(R2)	85983200
D16	OCTAL D-FF POS. EDGE TRIG	74HC574	TEXAS	SN74HC574DWR	85980400
D17	POW.DARLINGTON DRIVER x 7	ULN2003A/MC1413	TEXAS	ULN2003AD R	85990500
D18	OCTAL D-FF POS. EDGE TRIG	74HC574	TEXAS	SN74HC574DWR	85980400
D19	DUAL BINARY COUNTER SYN.	TC4520, HEF4520	TOSHIBA	TC4520BFN ELP	85911700
D20	SINGLE PRECISION TIMER	NE555D/LM555CM	PHILIPS	NE555D TAPE&REEL	351.105
D21	DUAL D-FLIP-FLOP SO14	14013B, 4013B	NATIONAL	CD4013BCM TAPE&REEL	85910300
D22	SYN.BIN/DEC UP/DOWN COUNT	MC14029B, HEF4029B	MOTOROLA	MC14029BD R2	85911400
D23	POW.DARLINGTON DRIVER x 7	ULN2003A/MC1413	TEXAS	ULN2003AD R	85990500
X1	SOCKET 2x10 POLES	RIGHTANGLE PCB VERSION	AMP	9-215460-0 / 2-215460-0	75602004
X5	SOCKET 2x10 POLES	RIGHTANGLE PCB VERSION	AMP	9-215460-0 / 2-215460-0	75602004
X9	COAXIAL CABLE 1.LO		ECI A/S	3-0-33267	533267
X10	COAXIAL CABLE 2.LO		ECI A/S	3-0-33268	533268
X11	COAXIAL CABLE 3.LO		ECI A/S	3-0-33269	533269
X12	COAXIAL CABLE RX		ECI A/S	3-0-33270	533270
X13	COAXIAL CABLE EXITER		ECI A/S	3-0-33271	533271
K1	RELAY REED 12VDC/0.4A	D1C121.HE721C1200,PRMA1C1	KUAN-HSI	D1C121	78000025
L1	CHOKE FIXED SMD 1812	1000uH 10%	DALE	IMC-1812 1000uH 10% R13	74103700
L2	CHOKE FIXED SMD 1812	1000uH 10%	DALE	IMC-1812 1000uH 10% R13	74103700
L3	CHOKE FIXED SMD 1812	1000uH 10%	DALE	IMC-1812 1000uH 10% R13	74103700
L4	CHOKE FIXED SMD 1812	1000uH 10%	DALE	IMC-1812 1000uH 10% R13	74103700
L5	CHOKE FIXED SMD 1812	3u9H 10%	PANASONIC	ELJ-FB3R9KF	74101900
L6	CHOKE FIXED 1206	390nH 10%	STETTNER GMBH	5503 00691	74102100
L7	CHOKE FIXED SMD 1812	5u6H 10%	TOKO	300LS-5R6 K TAPE & REEL	337.364
L8	CHOKE FIXED 1206	680nH 10%	COILCRAFT	1206CS-681XKBC	74102000
L9	CHOKE FIXED SMD 1812	1u0H 10%	PANASONIC	ELJ-FB1R0KF	74101500
L10	CHOKE FIXED 1812	1u2H 10%	PANASONIC	ELJ-FB1R2KF	74100200
L11	CHIKI FIXED SMD 1812	4u7H 10%	PANASONIC	ELJ-FB4R7KF	74102200
L12	CHOKE FIXED SMD 1812	3u3H 10%	DALE	IMC-1812 3.3uH 10%	74101400
L13	CHOKE FIXED SMD 1812	1u8H 10%	PANASONIC	ELJ-FB1R8KF	74101700
L14	CHOKE FIXED SMD 1812	1u0H 10%	PANASONIC	ELJ-FB1R0KF	74101500
L15	COIL RF 220nH ADJUSTABLE		SUMIDA	S-7GD 0237-H961	38.413
L16	CHOKE FIXED SMD 1812	1000uH 10%	DALE	IMC-1812 1000uH 10% R13	74103700
L17	CHOKE FIXED SMD 1812	3u9H 10%	PANASONIC	ELJ-FB3R9KF	74101900
L18	CHOKE FIXED 1812	1u2H 10%	PANASONIC	ELJ-FB1R2KF	74100200
L19	CHOKE FIXED 1206	680nH 10%	COILCRAFT	1206CS-681XKBC	74102000
L20	CHOKE FIXED SMD 1812	1000uH 10%	DALE	IMC-1812 1000uH 10% R13	74103700
L21	CHOKE FIXED 1206	390nH 10%	STETTNER GMBH	5503 00691	74102100
L22	CHOKE FIXED 1206	180nH 10%	STETTNER	5503 00419	74102700
L23	CHOKE FIXED SMD 1812	1000uH 10%	DALE	IMC-1812 1000uH 10% R13	74103700
L24	CHOKE FIXED SMD 1812	1000uH 10%	DALE	IMC-1812 1000uH 10% R13	74103700
L25	COIL RF 220nH ADJUSTABLE		SUMIDA	S-7GD 0237-H961	38.413
L26	CHOKE FIXED 1206	330nH 10%	STETTNER	5503 00687	74101800
L28	CHOKE FIXED 1206	150nH 10%	STETTNER	5503 00415	74103100
L29	CHOKE FIXED SMD 1812	1000uH 10%	DALE	IMC-1812 1000uH 10% R13	74103700
L30	CHOKE FIXED SMD 1812	220uH 10%	PANASONIC	ELJ-FB221KF	74102800
L31	COIL RF 1u25H ADJUSTABLE		SUMIDA	S-7GD 0237-H960	38.414
L32	CHOKE FIXED SMD 1812	22uH 10%	MURATA	LQH4N220K-S TAPE & REEL	74100500
L34	CHOKE FIXED SMD 1812	180uH 10%	PANASONIC	ELJFB181KF	74102900
L35	COIL RF 220nH ADJUSTABLE		SUMIDA	S-7GD 0237-H961	38.413
L36	COIL RF 220nH ADJUSTABLE		SUMIDA	S-7GD 0237-H961	38.413
L37	COIL RF 220nH ADJUSTABLE		SUMIDA	S-7GD 0237-H961	38.413
L38	CHOKE FIXED SMD 1812	220uH 10%	PANASONIC	ELJ-FB221KF	74102800
L39	CHOKE FIXED	220uH 10% /0.5ADC	SUMIDA	RCH-895 221K	20.383
L40	CHOKE FIXED SMD 1812	1000uH 10%	DALE	IMC-1812 1000uH 10% R13	74103700
L41	CHOKE FIXED SMD 1812	68uH 10%	TOKO	300LS-680 K TAPE & REEL	337.327

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POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
L42	CHOKE FIXED SMD 1812	330uH 10%	DALE	IMC-1812 330uH 10% R13	74101000
L43	CHOKE FIXED SMD 1812	470uH 10%	PANASONIC	ELJ FB 471 K F	74100700
L44	CHOKE FIXED SMD 1812	100uH 10%	PANASONIC	ELJ FB 101 K F	74101600
L45	CHOKE FIXED SMD 1812	68uH 10%	TOKO	300LS-680 K TAPE & REEL	337.327
L46	CHOKE FIXED SMD 1812	68uH 10%	TOKO	300LS-680 K TAPE & REEL	337.327
L47	CHOKE FIXED SMD 1812	68uH 10%	TOKO	300LS-680 K TAPE & REEL	337.327
L48	CHOKE FIXED SMD 1812	100uH 10%	PANASONIC	ELJ FB 101 K F	74101600
L49	CHOKE FIXED SMD 1812	100uH 10%	PANASONIC	ELJ FB 101 K F	74101600
L50	CHOKE FIXED SMD 1812	100uH 10%	PANASONIC	ELJ FB 101 K F	74101600
L51	CHOKE FIXED SMD 1812	100uH 10%	PANASONIC	ELJ FB 101 K F	74101600
L52	CHOKE FIXED SMD 1812	1000uH 10%	DALE	IMC-1812 1000uH 10% R13	74103700
R1	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R2	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R3	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R4	RESISTOR SMD 1206	820 OHM 5% 0.25W	ROHM	MCR18 EZH J 821	57001700
R5	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R6	RESISTOR SMD 0805	22k OHM 5% 0.1W	ROHM	MCR 10 EZH J 223	302.064
R7	RESISTOR PMF	390 OHM 5% 2W	PHILIPS	2322 194 13391	04.189
R8	RESISTOR SMD 0805	390 OHM 5% 0.1W	ROHM	MCR 10 EZH J 391	302.043
R9	RESISTOR SMD 0805	560 OHM 5% 0.1W	ROHM	MCR 10 EZH J 561	302.045
R10	RESISTOR SMD 0805	680 OHM 5% 0.1W	ROHM	MCR 10 EZH J 681	302.046
R11	RESISTOR SMD 0805	680 OHM 5% 0.1W	ROHM	MCR 10 EZH J 681	302.046
R12	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R13	RESISTOR SMD 0805	330 OHM 5% 0.1W	ROHM	MCR 10 EZH J 331	302.042
R14	RESISTOR SMD 0805	120 OHM 5% 0.1W	ROHM	MCR 10 EZH J 121	302.037
R15	RESISTOR SMD 0805	560 OHM 5% 0.1W	ROHM	MCR 10 EZH J 561	302.045
R16	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R17	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R18	RESISTOR SMD 0805	18k OHM 5% 0.1W	ROHM	MCR 10 EZH J 183	302.063
R19	RESISTOR SMD 0805	3k3 OHM 5% 0.1W	ROHM	MCR 10 EZH J 332	302.054
R20	RESISTOR SMD 0805	22 OHM 5% 0.1W	ROHM	MCR 10 EZH J 22R	302.028
R21	RESISTOR SMD 0805	18k OHM 5% 0.1W	ROHM	MCR 10 EZH J 183	302.063
R22	RESISTOR SMD 0805	680 OHM 5% 0.1W	ROHM	MCR 10 EZH J 681	302.046
R23	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R24	RESISTOR SMD 0805	33k OHM 5% 0.1W	ROHM	MCR 10 EZH J 333	302.066
R25	RESISTOR SMD 0805	1k8 OHM 5% 0.1W	ROHM	MCR 10 EZH J 182	302.051
R26	RESISTOR SMD 0805	18k OHM 5% 0.1W	ROHM	MCR 10 EZH J 183	302.063
R27	RESISTOR SMD 0805	3k3 OHM 5% 0.1W	ROHM	MCR 10 EZH J 332	302.054
R28	RESISTOR SMD 0805	2k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 222	302.052
R29	RESISTOR SMD 0805	1k8 OHM 5% 0.1W	ROHM	MCR 10 EZH J 182	302.051
R30	RESISTOR SMD 0805	6k8 OHM 5% 0.1W	ROHM	MCR 10 EZH J 682	302.058
R31	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R32	RESISTOR SMD 0805	220 OHM 5% 0.1W	ROHM	MCR 10 EZH J 221	302.040
R33	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R34	RESISTOR SMD 0805	220 OHM 5% 0.1W	ROHM	MCR 10 EZH J 221	302.040
R35	RESISTOR SMD 0805	33k OHM 5% 0.1W	ROHM	MCR 10 EZH J 333	302.066
R36	RESISTOR SMD 0805	560 OHM 5% 0.1W	ROHM	MCR 10 EZH J 561	302.045
R37	RESISTOR SMD 0805	120k OHM 5% 0.1W	ROHM	MCR 10 EZH J 124	302.073
R38	RESISTOR SMD 0805	220 OHM 5% 0.1W	ROHM	MCR 10 EZH J 221	302.040
R39	RESISTOR SMD 0805	330 OHM 5% 0.1W	ROHM	MCR 10 EZH J 331	302.042
R40	RESISTOR SMD 0805	120k OHM 5% 0.1W	ROHM	MCR 10 EZH J 124	302.073
R41	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R42	RESISTOR SMD 0805	220 OHM 5% 0.1W	ROHM	MCR 10 EZH J 221	302.040
R43	RESISTOR SMD 0805	220 OHM 5% 0.1W	ROHM	MCR 10 EZH J 221	302.040
R44	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R45	RESISTOR SMD 0805	220 OHM 5% 0.1W	ROHM	MCR 10 EZH J 221	302.040
R46	RESISTOR SMD 0805	560 OHM 5% 0.1W	ROHM	MCR 10 EZH J 561	302.045
R47	RESISTOR SMD 0805	560 OHM 5% 0.1W	ROHM	MCR 10 EZH J 561	302.045
R48	RESISTOR SMD 0805	220 OHM 5% 0.1W	ROHM	MCR 10 EZH J 221	302.040
R49	RESISTOR SMD 0805	220 OHM 5% 0.1W	ROHM	MCR 10 EZH J 221	302.040
R50	RESISTOR SMD 0805	47 OHM 5% 0.1W	ROHM	MCR 10 EZH J 47R	302.032
R51	RESISTOR SMD 0805	470 OHM 5% 0.1W	ROHM	MCR 10 EZH J 471	302.044
R52	RESISTOR SMD 0805	220 OHM 5% 0.1W	ROHM	MCR 10 EZH J 221	302.040
R53	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R54	RESISTOR SMD 0805	390 OHM 5% 0.1W	ROHM	MCR 10 EZH J 391	302.043
R55	RESISTOR SMD 0805	3k3 OHM 5% 0.1W	ROHM	MCR 10 EZH J 332	302.054
R56	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R57	RESISTOR SMD 0805	220 OHM 5% 0.1W	ROHM	MCR 10 EZH J 221	302.040
R58	RESISTOR SMD 0805	120 OHM 5% 0.1W	ROHM	MCR 10 EZH J 121	302.037
R59	RESISTOR SMD 0805	220 OHM 5% 0.1W	ROHM	MCR 10 EZH J 221	302.040
R60	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R61	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R62	RESISTOR SMD 0805	560 OHM 5% 0.1W	ROHM	MCR 10 EZH J 561	302.045
R63	RESISTOR SMD 0805	560 OHM 5% 0.1W	ROHM	MCR 10 EZH J 561	302.045

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POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
R64	RESISTOR SMD 0805	47 OHM 5% 0.1W	ROHM	MCR 10 EZH J 47R	302.032
R65	RESISTOR SMD 0805	47 OHM 5% 0.1W	ROHM	MCR 10 EZH J 47R	302.032
R66	RESISTOR SMD 0805	330 OHM 5% 0.1W	ROHM	MCR 10 EZH J 331	302.042
R67	RESISTOR SMD 0805	8k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 822	302.059
R68	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R69	RESISTOR SMD 0805	3k9 OHM 5% 0.1W	ROHM	MCR 10 EZH J 392	302.055
R70	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R71	RESISTOR SMD 0805	47 OHM 5% 0.1W	ROHM	MCR 10 EZH J 47R	302.032
R72	RESISTOR SMD 0805	4k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 472	302.056
R73	RESISTOR SMD 0805	10 OHM 5% 0.1W	ROHM	MCR 10 EZH J 10R	302.024
R74	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R75	RESISTOR SMD 0805	270 OHM 5% 0.1W	ROHM	MCR 10 EZH J 271	302.041
R76	RESISTOR SMD 0805	4k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 472	302.056
R77	RESISTOR SMD 0805	56 OHM 5% 0.1W	ROHM	MCR 10 EZH J 56R	302.033
R78	RESISTOR SMD 0805	270 OHM 5% 0.1W	ROHM	MCR 10 EZH J 271	302.041
R79	RESISTOR SMD 0805	68 OHM 5% 0.1W	ROHM	MCR 10 EZH J 68R	302.034
R80	RESISTOR SMD 0805	33 OHM 5% 0.1W	ROHM	MCR 10 EZH J 33R	302.030
R81	RESISTOR SMD 0805	33 OHM 5% 0.1W	ROHM	MCR 10 EZH J 33R	302.030
R82	RESISTOR SMD 0805	56 OHM 5% 0.1W	ROHM	MCR 10 EZH J 56R	302.033
R83	RESISTOR SMD 0805	12 OHM 5% 0.1W	ROHM	MCR 10 EZH J 12R	302.025
R84	RESISTOR SMD 0805	2k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 222	302.052
R85	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R86	RESISTOR SMD 0805	39k OHM 5% 0.1W	ROHM	MCR 10 EZH J 393	302.067
R87	RESISTOR SMD 0805	4k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 472	302.056
R88	RESISTOR SMD 1206	820 OHM 5% 0.25W	ROHM	MCR18 EZH J 821	57001700
R89	RESISTOR SMD 0805	390 OHM 5% 0.1W	ROHM	MCR 10 EZH J 391	302.043
R90	RESISTOR SMD 0805	330 OHM 5% 0.1W	ROHM	MCR 10 EZH J 331	302.042
R91	RESISTOR SMD 0805	330 OHM 5% 0.1W	ROHM	MCR 10 EZH J 331	302.042
R92	RESISTOR SMD 0805	680 OHM 5% 0.1W	ROHM	MCR 10 EZH J 681	302.046
R93	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R94	RESISTOR SMD 0805	1k0 OHM 5% 0.1W	ROHM	MCR 10 EZH J 102	302.048
R95	RESISTOR SMD 0805	470 OHM 5% 0.1W	ROHM	MCR 10 EZH J 471	302.044
R96	RESISTOR SMD 0805	3k3 OHM 5% 0.1W	ROHM	MCR 10 EZH J 332	302.054
R97	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R98	RESISTOR SMD 0805	470 OHM 5% 0.1W	ROHM	MCR 10 EZH J 471	302.044
R99	RESISTOR SMD 0805	680 OHM 5% 0.1W	ROHM	MCR 10 EZH J 681	302.046
R100	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R101	RESISTOR SMD 0805	3k3 OHM 5% 0.1W	ROHM	MCR 10 EZH J 332	302.054
R102	RESISTOR SMD 0805	27 OHM 5% 0.1W	ROHM	MCR 10 EZH J 27R	302.029
R103	RESISTOR SMD 0805	27 OHM 5% 0.1W	ROHM	MCR 10 EZH J 27R	302.029
R104	RESISTOR SMD 1206	820 OHM 5% 0.25W	ROHM	MCR18 EZH J 821	57001700
R105	RESISTOR SMD 0805	8k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 822	302.059
R106	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R107	RESISTOR SMD 0805	27 OHM 5% 0.1W	ROHM	MCR 10 EZH J 27R	302.029
R108	RESISTOR SMD 0805	47 OHM 5% 0.1W	ROHM	MCR 10 EZH J 47R	302.032
R109	RESISTOR SMD 0805	47 OHM 5% 0.1W	ROHM	MCR 10 EZH J 47R	302.032
R110	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R111	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R112	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R113	RESISTOR SMD 0805	27 OHM 5% 0.1W	ROHM	MCR 10 EZH J 27R	302.029
R114	RESISTOR SMD 0805	47 OHM 5% 0.1W	ROHM	MCR 10 EZH J 47R	302.032
R115	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R116	RESISTOR SMD 0805	5k6 OHM 5% 0.1W	ROHM	MCR 10 EZH J 562	302.057
R117	RESISTOR SMD 0805	27 OHM 5% 0.1W	ROHM	MCR 10 EZH J 27R	302.029
R118	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R119	RESISTOR SMD 0805	3k3 OHM 5% 0.1W	ROHM	MCR 10 EZH J 332	302.054
R120	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R121	RESISTOR SMD 1206	1k2 OHM 5% 0.25W	ROHM	MCR 18 EZH J 122	303.049
R122	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R123	RESISTOR SMD 1206	1k2 OHM 5% 0.25W	ROHM	MCR 18 EZH J 122	303.049
R124	RESISTOR SMD 0805	18k OHM 5% 0.1W	ROHM	MCR 10 EZH J 183	302.063
R125	RESISTOR SMD 1206	1k2 OHM 5% 0.25W	ROHM	MCR 18 EZH J 122	303.049
R126	RESISTOR SMD 0805	15k OHM 5% 0.1W	ROHM	MCR 10 EZH J 153	302.062
R127	RESISTOR SMD 1206	1k5 OHM 5% 0.25W	DRALORIC	CR 1206 L 152 J G4	303.050
R128	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R129	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R130	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R131	RESISTOR SMD 0805	1k0 OHM 5% 0.1W	ROHM	MCR 10 EZH J 102	302.048
R132	RESISTOR SMD 0805	560k OHM 5% 0.1W	ROHM	MCR 10 EZH J 564	302.081
R133	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R134	RESISTOR SMD 0805	47 OHM 5% 0.1W	ROHM	MCR 10 EZH J 47R	302.032
R135	RESISTOR SMD 0805	330 OHM 5% 0.1W	ROHM	MCR 10 EZH J 331	302.042
R136	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R137	RESISTOR SMD 0805	6k8 OHM 5% 0.1W	ROHM	MCR 10 EZH J 682	302.058

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POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
R138	RESISTOR SMD 0805	4k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 472	302.056
R139	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R140	RESISTOR SMD 0805	330 OHM 5% 0.1W	ROHM	MCR 10 EZH J 331	302.042
R141	RESISTOR SMD 0805	27 OHM 5% 0.1W	ROHM	MCR 10 EZH J 27R	302.029
R142	RESISTOR SMD 0805	4k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 472	302.056
R143	RESISTOR SMD 0805	27 OHM 5% 0.1W	ROHM	MCR 10 EZH J 27R	302.029
R144	RESISTOR SMD 1206	1k2 OHM 5% 0.25W	ROHM	MCR 18 EZH J 122	303.049
R145	RESISTOR SMD 0805	22k OHM 5% 0.1W	ROHM	MCR 10 EZH J 223	302.064
R146	RESISTOR SMD 0805	3k3 OHM 5% 0.1W	ROHM	MCR 10 EZH J 332	302.054
R147	RESISTOR SMD 0805	330 OHM 5% 0.1W	ROHM	MCR 10 EZH J 331	302.042
R148	RESISTOR SMD 0805	6k8 OHM 5% 0.1W	ROHM	MCR 10 EZH J 682	302.058
R149	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R150	RESISTOR SMD 0805	22k OHM 5% 0.1W	ROHM	MCR 10 EZH J 223	302.064
R151	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R152	RESISTOR SMD 0805	470 OHM 5% 0.1W	ROHM	MCR 10 EZH J 471	302.044
R153	RESISTOR SMD 0805	27 OHM 5% 0.1W	ROHM	MCR 10 EZH J 27R	302.029
R154	RESISTOR SMD 0805	8k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 822	302.059
R155	RESISTOR SMD 0805	6k8 OHM 5% 0.1W	ROHM	MCR 10 EZH J 682	302.058
R156	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R157	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R158	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R159	RESISTOR SMD 0805	4k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 472	302.056
R160	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R161	RESISTOR SMD 0805	330 OHM 5% 0.1W	ROHM	MCR 10 EZH J 331	302.042
R162	RESISTOR SMD 0805	18k OHM 5% 0.1W	ROHM	MCR 10 EZH J 183	302.063
R163	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R164	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R165	RESISTOR SMD 0805	196 OHM 1% 50mW	PHILIPS	2322 734 2/61961	302.298
R166	RESISTOR SMD 0805	27 OHM 5% 0.1W	ROHM	MCR 10 EZH J 27R	302.029
R167	RESISTOR SMD 0805	6k8 OHM 5% 0.1W	ROHM	MCR 10 EZH J 682	302.058
R168	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R169	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R170	RESISTOR SMD 0805	18k7 OHM 1% 50mW	PHILIPS	2322 734 2/61873	302.496
R171	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R172	RESISTOR SMD 0805	120k OHM 5% 0.1W	ROHM	MCR 10 EZH J 124	302.073
R173	PRESET SEALED	20k OHM 20% 1/4W	BOURNS	3374X-1-203-E	57300300
R174	RESISTOR SMD 0805	162 OHM 1% 50mW	PHILIPS	2322 734 2/61621	302.290
R175	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R176	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R177	RESISTOR SMD 0805	12 OHM 5% 0.1W	ROHM	MCR 10 EZH J 12R	302.025
R178	RESISTOR SMD 0805	27 OHM 5% 0.1W	ROHM	MCR 10 EZH J 27R	302.029
R179	RESISTOR SMD 0805	21k5 OHM 1% 50mW	PHILIPS	2322 734 2/62153	302.502
R180	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R181	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R182	RESISTOR SMD 0805	4k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 472	302.056
R183	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R184	RESISTOR SMD 0805	68k OHM 5% 0.1W	ROHM	MCR 10 EZH J 683	302.070
R186	RESISTOR SMD 0805	6k8 OHM 5% 0.1W	ROHM	MCR 10 EZH J 682	302.058
R187	RESISTOR SMD 0805	6k8 OHM 5% 0.1W	ROHM	MCR 10 EZH J 682	302.058
R188	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R189	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R190	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R191	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R192	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R193	RESISTOR SMD 0805	48R7 OHM 1% 50mW	PHILIPS	2322 734 2/64879	302.235
R194	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R195	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R196	RESISTOR SMD 0805	6k8 OHM 5% 0.1W	ROHM	MCR 10 EZH J 682	302.058
R197	RESISTOR SMD 0805	27 OHM 5% 0.1W	ROHM	MCR 10 EZH J 27R	302.029
R198	RESISTOR SMD 0805	150k OHM 5% 0.1W	ROHM	MCR 10 EZH J 154	302.074
R199	RESISTOR SMD 1206	1k2 OHM 5% 0.25W	ROHM	MCR 18 EZH J 122	303.049
R200	RESISTOR SMD 0805	6k8 OHM 5% 0.1W	ROHM	MCR 10 EZH J 682	302.058
R201	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R202	RESISTOR SMD 0805	1k96 OHM 1% 50mW	PHILIPS	2322 734 2/61962	302.398
R203	RESISTOR SMD 0805	2k37 OHM 1% 50mW	PHILIPS	2322 734 2/62372	302.406
R204	PRESET SEALED	200 OHM 20% 1/4W	BOURNS	3374X-1-201-X	57300900
R205	RESISTOR SMD 1206	1k2 OHM 5% 0.25W	ROHM	MCR 18 EZH J 122	303.049
R206	RESISTOR SMD 0805	6k8 OHM 5% 0.1W	ROHM	MCR 10 EZH J 682	302.058
R207	RESISTOR SMD 0805	6k8 OHM 5% 0.1W	ROHM	MCR 10 EZH J 682	302.058
R208	RESISTOR SMD 0805	12 OHM 5% 0.1W	ROHM	MCR 10 EZH J 12R	302.025
R209	RESISTOR SMD 0805	120k OHM 5% 0.1W	ROHM	MCR 10 EZH J 124	302.073
R210	RESISTOR SMD 0805	16k9 OHM 1% 50mW	PHILIPS	2322 734 2/61693	302.492
R211	RESISTOR SMD 0805	10 OHM 5% 0.1W	ROHM	MCR 10 EZH J 10R	302.024
R212	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072

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POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
R213	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R214	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R215	RESISTOR SMD 0805	196 OHM 1% 50mW	PHILIPS	2322 734 2/61961	302.298
R216	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R217	RESISTOR SMD 0805	6k8 OHM 5% 0.1W	ROHM	MCR 10 EZH J 682	302.058
R218	RESISTOR SMD 0805	4k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 472	302.056
R219	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R220	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R221	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R222	RESISTOR SMD 0805	140 OHM 1% 50mW	PHILIPS	2322 734 2/61401	302.284
R223	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R224	RESISTOR SMD 0805	6k8 OHM 5% 0.1W	ROHM	MCR 10 EZH J 682	302.058
R225	RESISTOR SMD 0805	220 OHM 5% 0.1W	ROHM	MCR 10 EZH J 221	302.040
R226	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R227	RESISTOR SMD 0805	150k OHM 5% 0.1W	ROHM	MCR 10 EZH J 154	302.074
R228	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R229	RESISTOR SMD 0805	364 OHM 1% 50mW	PHILIPS	2322 734 2/69531	302.364
R230	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R231	RESISTOR SMD 0805	1k30 OHM 1% 50mW	PHILIPS	2322 734 2/61302	302.381
R232	RESISTOR SMD 0805	8k66 OHM 1% 50mW	PHILIPS	2322 734 2/68662	302.460
R233	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R234	RESISTOR SMD 0805	6k8 OHM 5% 0.1W	ROHM	MCR 10 EZH J 682	302.058
R235	RESISTOR SMD 0805	48R7 OHM 1% 50mW	PHILIPS	2322 734 2/64879	302.235
R236	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R237	RESISTOR SMD 0805	12k OHM 5% 0.1W	ROHM	MCR 10 EZH J 123	302.061
R239	RESISTOR SMD 0805	56 OHM 5% 0.1W	ROHM	MCR 10 EZH J 56R	302.033
R240	RESISTOR SMD 0805	1M5 OHM 5% 0.1W	ROHM	MCR 10 EZH J 155	302.086
R241	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R242	RESISTOR SMD 0805	39k OHM 5% 0.1W	ROHM	MCR 10 EZH J 393	302.067
R243	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R244	RESISTOR SMD 0805	31k6 OHM 1% 50mW	PHILIPS	2322 734 2/63163	302.518
R245	RESISTOR SMD 0805	2M7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 275	302.089
R246	RESISTOR SMD 0805	330k OHM 5% 0.1W	ROHM	MCR 10 EZH J 334	302.078
R247	RESISTOR SMD 0805	10k0 OHM 1% 50mW	PHILIPS	2322 734 2/61003	302.470
R248	RESISTOR SMD 0805	301k OHM 1% 50mW	PHILIPS	2322 734 2/63014	302.616
R249	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R250	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R251	RESISTOR SMD 0805	33k OHM 5% 0.1W	ROHM	MCR 10 EZH J 333	302.066
R252	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R253	RESISTOR SMD 0805	1M0 OHM 5% 0.1W	ROHM	MCR 10 EZH J 105	302.084
R254	RESISTOR SMD 0805	18k OHM 5% 0.1W	ROHM	MCR 10 EZH J 183	302.063
R255	RESISTOR SMD 0805	2k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 222	302.052
R256	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R257	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R258	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R259	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R260	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R261	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R262	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R263	RESISTOR SMD 0805	4k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 472	302.056
R264	RESISTOR SMD 0805	2k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 222	302.052
R265	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R266	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R267	RESISTOR SMD 0805	470k OHM 5% 0.1W	ROHM	MCR 10 EZH J 474	302.080
R268	RESISTOR SMD 0805	470 OHM 5% 0.1W	ROHM	MCR 10 EZH J 471	302.044
R269	RESISTOR SMD 0805	2k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 222	302.052
R270	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R271	RESISTOR SMD 0805	3k16 OHM 1% 50mW	PHILIPS	2322 734 2/63162	302.418
R272	RESISTOR SMD 0805	3k32 OHM 1% 50mW	PHILIPS	2322 734 2/63322	302.420
R273	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R274	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R275	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R276	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R277	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R278	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R279	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R280	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R281	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R282	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R283	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R284	RESISTOR SMD 0805	6k8 OHM 5% 0.1W	ROHM	MCR 10 EZH J 682	302.058
R285	RESISTOR SMD 0805	15k OHM 5% 0.1W	ROHM	MCR 10 EZH J 153	302.062
R286	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R287	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060

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POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
R288	RESISTOR SMD 0805	22k OHM 5% 0.1W	ROHM	MCR 10 EZH J 223	302.064
R289	RESISTOR SMD 0805	4k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 472	302.056
R290	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R291	RESISTOR SMD 0805	8k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 822	302.059
R292	RESISTOR SMD 0805	100k OHM 1% 50mW	PHILIPS	2322 734 2/61004	302.570
R293	RESISTOR SMD 0805	8k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 822	302.059
R294	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R295	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R296	RESISTOR SMD 0805	3k9 OHM 5% 0.1W	ROHM	MCR 10 EZH J 392	302.055
R297	RESISTOR SMD 0805	27 OHM 5% 0.1W	ROHM	MCR 10 EZH J 27R	302.029
R298	RESISTOR SMD 0805	220k OHM 5% 0.1W	ROHM	MCR 10 EZH J 224	302.076
R299	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R300	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R301	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R302	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R303	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R304	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R305	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R306	RESISTOR SMD 0805	22k OHM 5% 0.1W	ROHM	MCR 10 EZH J 223	302.064
R307	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R308	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R309	RESISTOR SMD 0805	3k9 OHM 5% 0.1W	ROHM	MCR 10 EZH J 392	302.055
R310	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R311	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R312	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R313	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R314	RESISTOR SMD 0805	22k OHM 5% 0.1W	ROHM	MCR 10 EZH J 223	302.064
R315	RESISTOR SMD 0805	2k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 222	302.052
R316	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R317	RESISTOR SMD 0805	4k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 472	302.056
R318	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R319	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R320	RESISTOR SMD 0805	4k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 472	302.056
R321	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R322	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R323	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R324	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R325	RESISTOR SMD 0805	2k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 222	302.052
R326	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R327	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R328	RESISTOR SMD 1206	820 OHM 5% 0.25W	ROHM	MCR18 EZH J 821	57001700
R329	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R330	RESISTOR SMD 0805	27 OHM 5% 0.1W	ROHM	MCR 10 EZH J 27R	302.029
R331	RESISTOR SMD 0805	470 OHM 5% 0.1W	ROHM	MCR 10 EZH J 471	302.044
R332	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R333	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R334	RESISTOR SMD 0805	2k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 222	302.052
R335	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R336	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R337	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R338	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R339	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R340	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R341	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R342	RESISTOR SMD 0805	4k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 472	302.056
R343	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R344	RESISTOR SMD 0805	4k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 472	302.056
R345	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R346	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R347	RESISTOR SMD 0805	27 OHM 5% 0.1W	ROHM	MCR 10 EZH J 27R	302.029
R348	RESISTOR SMD 0805	270 OHM 5% 0.1W	ROHM	MCR 10 EZH J 271	302.041
R349	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R350	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R351	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R352	RESISTOR SMD 1206	1k5 OHM 5% 0.25W	DRALORIC	CR 1206 L 152 J G4	303.050
R353	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R354	RESISTOR SMD 0805	68k OHM 5% 0.1W	ROHM	MCR 10 EZH J 683	302.070
R355	RESISTOR SMD 0805	4k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 472	302.056
R356	RESISTOR SMD 0805	68k OHM 5% 0.1W	ROHM	MCR 10 EZH J 683	302.070
R357	RESISTOR SMD 0805	4k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 472	302.056
R358	RESISTOR SMD 0805	68k OHM 5% 0.1W	ROHM	MCR 10 EZH J 683	302.070
R359	RESISTOR SMD 0805	4k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 472	302.056
R360	RESISTOR SMD 0805	22k OHM 5% 0.1W	ROHM	MCR 10 EZH J 223	302.064
R361	RESISTOR SMD 0805	680 OHM 5% 0.1W	ROHM	MCR 10 EZH J 681	302.046

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POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
R362	RESISTOR SMD 0805	680 OHM 5% 0.1W	ROHM	MCR 10 EZH J 681	302.046
R363	RESISTOR SMD 0805	1k8 OHM 5% 0.1W	ROHM	MCR 10 EZH J 182	302.051
R364	RESISTOR SMD 0805	10 OHM 5% 0.1W	ROHM	MCR 10 EZH J 10R	302.024
R365	RESISTOR SMD 0805	68k OHM 5% 0.1W	ROHM	MCR 10 EZH J 683	302.070
R366	RESISTOR SMD 0805	4k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 472	302.056
R367	RESISTOR SMD 0805	4k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 472	302.056
R368	RESISTOR SMD 0805	1k0 OHM 5% 0.1W	ROHM	MCR 10 EZH J 102	302.048
R369	RESISTOR SMD 0805	180 OHM 5% 0.1W	ROHM	MCR 10 EZH J 181	302.039
R370	RESISTOR SMD 0805	390 OHM 5% 0.1W	ROHM	MCR 10 EZH J 391	302.043
R371	RESISTOR SMD 0805	33k OHM 5% 0.1W	ROHM	MCR 10 EZH J 333	302.066
R372	RESISTOR SMD 0805	33k OHM 5% 0.1W	ROHM	MCR 10 EZH J 333	302.066
R373	RESISTOR SMD 0805	33k OHM 5% 0.1W	ROHM	MCR 10 EZH J 333	302.066
R374	RESISTOR SMD 0805	8k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 822	302.059
R375	RESISTOR SMD 0805	33k OHM 5% 0.1W	ROHM	MCR 10 EZH J 333	302.066
R376	RESISTOR SMD 0805	47 OHM 5% 0.1W	ROHM	MCR 10 EZH J 47R	302.032
R377	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R378	RESISTOR SMD 0805	47 OHM 5% 0.1W	ROHM	MCR 10 EZH J 47R	302.032
R379	RESISTOR SMD 0805	47 OHM 5% 0.1W	ROHM	MCR 10 EZH J 47R	302.032
R380	RESISTOR SMD 0805	47 OHM 5% 0.1W	ROHM	MCR 10 EZH J 47R	302.032
R381	RESISTOR SMD 0805	47 OHM 5% 0.1W	ROHM	MCR 10 EZH J 47R	302.032
R382	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R383	RESISTOR SMD 0805	27k OHM 5% 0.1W	ROHM	MCR 10 EZH J 273	302.065
R384	RESISTOR SMD 0805	180 OHM 5% 0.1W	ROHM	MCR 10 EZH J 181	302.039
R385	RESISTOR SMD 0805	47 OHM 5% 0.1W	ROHM	MCR 10 EZH J 47R	302.032
R386	RESISTOR SMD 0805	2k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 272	302.053
R387	RESISTOR SMD 0805	2k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 272	302.053
R388	RESISTOR SMD 0805	2k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 272	302.053
R389	RESISTOR SMD 0805	2k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 272	302.053
R390	RESISTOR SMD 0805	680 OHM 5% 0.1W	ROHM	MCR 10 EZH J 681	302.046
R391	RESISTOR SMD 0805	3k3 OHM 5% 0.1W	ROHM	MCR 10 EZH J 332	302.054
R392	RESISTOR SMD 0805	220 OHM 5% 0.1W	ROHM	MCR 10 EZH J 221	302.040
R393	PRESET SEALED	100 OHM 20% 1/4W	BOURNS	3374X-1-101-E (G)	57300700
R394	RESISTOR SMD 0805	12k OHM 5% 0.1W	ROHM	MCR 10 EZH J 123	302.061
R395	RESISTOR SMD 0805	27 OHM 5% 0.1W	ROHM	MCR 10 EZH J 27R	302.029
R396	RESISTOR SMD 0805	6k8 OHM 5% 0.1W	ROHM	MCR 10 EZH J 682	302.058
R397	RESISTOR SMD 0805	2k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 272	302.053
R398	RESISTOR SMD 0805	12k OHM 5% 0.1W	ROHM	MCR 10 EZH J 123	302.061
R399	RESISTOR SMD 0805	12k OHM 5% 0.1W	ROHM	MCR 10 EZH J 123	302.061
R400	RESISTOR SMD 0805	12k OHM 5% 0.1W	ROHM	MCR 10 EZH J 123	302.061
R401	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R402	RESISTOR SMD 0805	27 OHM 5% 0.1W	ROHM	MCR 10 EZH J 27R	302.029
R403	RESISTOR SMD 0805	27 OHM 5% 0.1W	ROHM	MCR 10 EZH J 27R	302.029
R404	PRESET SEALED	5k0 OHM 20% 1/4W	BOURNS	3374X-1-502-X	57300800
R405	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R406	RESISTOR SMD 1206	560 OHM 5% 0.25W	ROHM	MCR18	57001600
R407	RESISTOR SMD 1206	560 OHM 5% 0.25W	ROHM	MCR18	57001600
R408	RESISTOR SMD 1206	560 OHM 5% 0.25W	ROHM	MCR18	57001600
R409	RESISTOR SMD 0805	150 OHM 5% 0.1W	ROHM	MCR 10 EZH J 151	302.038
R410	RESISTOR SMD 0805	15 OHM 5% 0.1W	ROHM	MCR 10 EZH J 15R	302.026
R411	RESISTOR SMD 0805	27 OHM 5% 0.1W	ROHM	MCR 10 EZH J 27R	302.029
R412	RESISTOR SMD 0805	27 OHM 5% 0.1W	ROHM	MCR 10 EZH J 27R	302.029
R413	RESISTOR SMD 0805	27 OHM 5% 0.1W	ROHM	MCR 10 EZH J 27R	302.029
R414	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R415	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R416	RESISTOR SMD 0805	27 OHM 5% 0.1W	ROHM	MCR 10 EZH J 27R	302.029
R417	RESISTOR SMD 0805	27 OHM 5% 0.1W	ROHM	MCR 10 EZH J 27R	302.029
R418	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R419	RESISTOR NTC	300 OHM 10% 0.5W	UPPERMOST	TDC05A130K	59123000
R420	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R421	RESISTOR SMD 0805	51R1 OHM 1% 50mW	PHILIPS	2322 734 2/65119	302.238
R422	RESISTOR SMD 0805	15k OHM 5% 0.1W	ROHM	MCR 10 EZH J 153	302.062
R423	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R424	RESISTOR SMD 0805	46R4 OHM 1% 50mW	PHILIPS	2322 734 2/64649	302.234
R425	RESISTOR SMD 0805	680 OHM 5% 0.1W	ROHM	MCR 10 EZH J 681	302.046
R426	RESISTOR SMD 0805	2k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 222	302.052
R427	RESISTOR SMD 0805	680 OHM 5% 0.1W	ROHM	MCR 10 EZH J 681	302.046
R428	RESISTOR SMD 0805	12k OHM 5% 0.1W	ROHM	MCR 10 EZH J 123	302.061
R429	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R430	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R431	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R432	RESISTOR SMD 0805	27 OHM 5% 0.1W	ROHM	MCR 10 EZH J 27R	302.029
R433	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R434	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R435	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072

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POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
R436	RESISTOR SMD 0805	220 OHM 5% 0.1W	ROHM	MCR 10 EZH J 221	302.040
R437	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R438	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R439	RESISTOR SMD 0805	2k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 222	302.052
R440	RESISTOR SMD 0805	16R2 OHM 1% 50mW	PHILIPS	2322 734 2/61629	302.190
R441	RESISTOR SMD 0805	127 OHM 1% 50mW	PHILIPS	2322 734 2/61271	302.280
R442	RESISTOR SMD 0805	220 OHM 5% 0.1W	ROHM	MCR 10 EZH J 221	302.040
R443	RESISTOR SMD 0805	6k8 OHM 5% 0.1W	ROHM	MCR 10 EZH J 682	302.058
R444	RESISTOR SMD 0805	6k8 OHM 5% 0.1W	ROHM	MCR 10 EZH J 682	302.058
R445	RESISTOR SMD 0805	10R0 OHM 1% 50mW	PHILIPS	2322 734 2/61009	302.170
R446	RESISTOR SMD 0805	56R2 OHM 1% 50mW	PHILIPS	2322 734 2/65629	302.242
R447	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R448	RESISTOR SMD 0805	6k8 OHM 5% 0.1W	ROHM	MCR 10 EZH J 682	302.058
R449	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R450	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R451	RESISTOR SMD 0805	6k8 OHM 5% 0.1W	ROHM	MCR 10 EZH J 682	302.058
R452	RESISTOR SMD 0805	2k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 222	302.052
R453	RESISTOR SMD 0805	3k9 OHM 5% 0.1W	ROHM	MCR 10 EZH J 392	302.055
R454	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R455	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R456	RESISTOR SMD 0805	3k3 OHM 5% 0.1W	ROHM	MCR 10 EZH J 332	302.054
R457	RESISTOR SMD 0805	3k3 OHM 5% 0.1W	ROHM	MCR 10 EZH J 332	302.054
R458	RESISTOR SMD 0805	180 OHM 5% 0.1W	ROHM	MCR 10 EZH J 181	302.039
R459	RESISTOR SMD 0805	100k OHM 1% 50mW	PHILIPS	2322 734 2/61004	302.570
R460	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R461	RESISTOR SMD 1206	820 OHM 5% 0.25W	ROHM	MCR18 EZH J 821	57001700
R462	RESISTOR SMD 0805	100k OHM 1% 50mW	PHILIPS	2322 734 2/61004	302.570
R463	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R464	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R465	RESISTOR SMD 0805	3k9 OHM 5% 0.1W	ROHM	MCR 10 EZH J 392	302.055
R466	RESISTOR SMD 0805	27 OHM 5% 0.1W	ROHM	MCR 10 EZH J 27R	302.029
R467	RESISTOR SMD 0805	121k OHM 1% 50mW	PHILIPS	2322 734 2/61214	302.578
R468	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R469	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R470	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R471	RESISTOR SMD 0805	2k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 272	302.053
R472	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R473	RESISTOR SMD 0805	121k OHM 1% 50mW	PHILIPS	2322 734 2/61214	302.578
R474	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R475	RESISTOR SMD 0805	16R2 OHM 1% 50mW	PHILIPS	2322 734 2/61629	302.190
R476	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R477	RESISTOR SMD 0805	178k OHM 1% 50mW	PHILIPS	2322 734 2/61784	302.594
R478	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R479	RESISTOR SMD 0805	15k OHM 5% 0.1W	ROHM	MCR 10 EZH J 153	302.062
R480	RESISTOR SMD 0805	180 OHM 5% 0.1W	ROHM	MCR 10 EZH J 181	302.039
R481	RESISTOR SMD 1206	820 OHM 5% 0.25W	ROHM	MCR18 EZH J 821	57001700
R482	RESISTOR SMD 0805	178k OHM 1% 50mW	PHILIPS	2322 734 2/61784	302.594
R483	RESISTOR SMD 1206	1k2 OHM 5% 0.25W	ROHM	MCR 18 EZH J 122	303.049
R484	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R485	RESISTOR SMD 0805	487k OHM 1% 50mW	PHILIPS	2322 734 2/64874	302.636
R486	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R487	RESISTOR SMD 0805	487k OHM 1% 50mW	PHILIPS	2322 734 2/64874	302.636
R488	RESISTOR SMD 0805	20k5 OHM 1% 50mW	PHILIPS	2322 734 2/62053	302.500
R489	RESISTOR SMD 0805	20k5 OHM 1% 50mW	PHILIPS	2322 734 2/62053	302.500
R490	RESISTOR SMD 0805	220k OHM 5% 0.1W	ROHM	MCR 10 EZH J 224	302.076
R491	RESISTOR SMD 0805	40k2 OHM 1% 50mW	PHILIPS	2322 734 2/64023	302.528
R492	RESISTOR SMD 0805	51k1 OHM 1% 50mW	PHILIPS	2322 734 2/65113	302.538
R493	RESISTOR SMD 0805	8k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 822	302.059
R494	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R495	RESISTOR SMD 0805	51k1 OHM 1% 50mW	PHILIPS	2322 734 2/65113	302.538
R496	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R497	RESISTOR SMD 0805	2k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 222	302.052
R498	RESISTOR SMD 0805	220k OHM 5% 0.1W	ROHM	MCR 10 EZH J 224	302.076
R499	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R500	RESISTOR SMD 0805	51k1 OHM 1% 50mW	PHILIPS	2322 734 2/65113	302.538
R501	RESISTOR SMD 0805	61k9 OHM 1% 50mW	PHILIPS	2322 734 2/66193	302.546
R502	RESISTOR SMD 0805	1k8 OHM 5% 0.1W	ROHM	MCR 10 EZH J 182	302.051
R503	RESISTOR SMD 0805	3k9 OHM 5% 0.1W	ROHM	MCR 10 EZH J 392	302.055
R504	RESISTOR SMD 0805	180k OHM 5% 0.1W	ROHM	MCR 10 EZH J 184	302.075
R505	RESISTOR SMD 0805	220k OHM 5% 0.1W	ROHM	MCR 10 EZH J 224	302.076
R506	RESISTOR SMD 0805	33k OHM 5% 0.1W	ROHM	MCR 10 EZH J 333	302.066
R507	RESISTOR SMD 0805	590k OHM 1% 50mW	PHILIPS	2322 734 2/65904	302.644
R508	RESISTOR SMD 0805	9k53 OHM 1% 50mW	PHILIPS	2322 734 2/69532	302.464
R509	PRESET SEALED	2k0 OHM 20% 1/4W	BOURNS	3374X-1-202-E	57300500

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POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
R510	RESISTOR SMD 0805	100k OHM 1% 50mW	PHILIPS	2322 734 2/61004	302.570
R511	RESISTOR SMD 0805	22k OHM 5% 0.1W	ROHM	MCR 10 EZH J 223	302.064
R512	RESISTOR SMD 0805	470 OHM 5% 0.1W	ROHM	MCR 10 EZH J 471	302.044
R513	RESISTOR SMD 0805	31k6 OHM 1% 50mW	PHILIPS	2322 734 2/63163	302.518
R514	RESISTOR SMD 0805	2k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 222	302.052
R515	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R516	RESISTOR SMD 0805	8k66 OHM 1% 50mW	PHILIPS	2322 734 2/68662	302.460
R517	RESISTOR SMD 0805	220k OHM 5% 0.1W	ROHM	MCR 10 EZH J 224	302.076
R518	RESISTOR SMD 0805	4k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 472	302.056
R519	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R520	RESISTOR SMD 0805	220k OHM 5% 0.1W	ROHM	MCR 10 EZH J 224	302.076
R521	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R522	RESISTOR SMD 0805	8k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 822	302.059
R523	RESISTOR SMD 0805	39k OHM 5% 0.1W	ROHM	MCR 10 EZH J 393	302.067
R524	RESISTOR SMD 0805	22k OHM 5% 0.1W	ROHM	MCR 10 EZH J 223	302.064
R525	RESISTOR SMD 0805	8k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 822	302.059
R526	RESISTOR SMD 0805	39k OHM 5% 0.1W	ROHM	MCR 10 EZH J 393	302.067
R527	RESISTOR SMD 0805	33k OHM 5% 0.1W	ROHM	MCR 10 EZH J 333	302.066
R528	RESISTOR SMD 0805	30k1 OHM 1% 50mW	PHILIPS	2322 734 2/63013	302.516
R529	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R530	RESISTOR SMD 0805	7k15 OHM 1% 50mW	PHILIPS	2322 734 2/67152	302.452
R531	RESISTOR SMD 0805	2k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 222	302.052
R532	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R533	RESISTOR SMD 0805	7k15 OHM 1% 50mW	PHILIPS	2322 734 2/67152	302.452
R534	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R535	RESISTOR SMD 0805	150k OHM 5% 0.1W	ROHM	MCR 10 EZH J 154	302.074
R536	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R537	RESISTOR SMD 0805	1k8 OHM 5% 0.1W	ROHM	MCR 10 EZH J 182	302.051
R538	RESISTOR SMD 0805	3k01 OHM 1% 50mW	PHILIPS	2322 734 2/63012	302.416
R539	RESISTOR SMD 0805	7k50 OHM 1% 50mW	PHILIPS	2322 734 2/67502	302.454
R540	RESISTOR SMD 0805	7k15 OHM 1% 50mW	PHILIPS	2322 734 2/67152	302.452
R541	RESISTOR SMD 0805	3k3 OHM 5% 0.1W	ROHM	MCR 10 EZH J 332	302.054
R542	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R543	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R544	RESISTOR SMD 0805	27k OHM 5% 0.1W	ROHM	MCR 10 EZH J 273	302.065
R545	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R546	RESISTOR SMD 0805	33k OHM 5% 0.1W	ROHM	MCR 10 EZH J 333	302.066
R547	RESISTOR SMD 0805	150k OHM 5% 0.1W	ROHM	MCR 10 EZH J 154	302.074
R548	RESISTOR SMD 0805	1k47 OHM 1% 50mW	PHILIPS	2322 734 2/61472	302.386
R549	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R550	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R551	RESISTOR SMD 0805	7k15 OHM 1% 50mW	PHILIPS	2322 734 2/67152	302.452
R552	RESISTOR SMD 0805	22k OHM 5% 0.1W	ROHM	MCR 10 EZH J 223	302.064
R553	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R554	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R555	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R556	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R557	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R558	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R559	PRESET SEALED	500 OHM 20% 1/4W	BOURNS	3374X-1-501-E	57300600
R560	RESISTOR SMD 0805	6k81 OHM 1% 50mW	PHILIPS	2322 734 2/66812	302.450
R561	RESISTOR SMD 0805	220k OHM 5% 0.1W	ROHM	MCR 10 EZH J 224	302.076
R562	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R563	RESISTOR SMD 1206	1k5 OHM 5% 0.25W	DRALORIC	CR 1206 L 152 J G4	303.050
R564	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R565	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R566	RESISTOR SMD 0805	7k15 OHM 1% 50mW	PHILIPS	2322 734 2/67152	302.452
R567	RESISTOR SMD 0805	18k OHM 5% 0.1W	ROHM	MCR 10 EZH J 183	302.063
R568	RESISTOR SMD 0805	220k OHM 5% 0.1W	ROHM	MCR 10 EZH J 224	302.076
R569	RESISTOR SMD 0805	22 OHM 5% 0.1W	ROHM	MCR 10 EZH J 22R	302.028
R570	RESISTOR SMD 0805	220k OHM 5% 0.1W	ROHM	MCR 10 EZH J 224	302.076
R571	RESISTOR SMD 0805	220 OHM 5% 0.1W	ROHM	MCR 10 EZH J 221	302.040
R572	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R573	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R574	RESISTOR SMD 0805	470k OHM 5% 0.1W	ROHM	MCR 10 EZH J 474	302.080
R575	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R576	RESISTOR SMD 0805	3k01 OHM 1% 50mW	PHILIPS	2322 734 2/63012	302.416
R577	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R578	RESISTOR SMD 0805	6k8 OHM 5% 0.1W	ROHM	MCR 10 EZH J 682	302.058
R579	RESISTOR SMD 0805	12k OHM 5% 0.1W	ROHM	MCR 10 EZH J 123	302.061
R580	RESISTOR SMD 0805	680 OHM 5% 0.1W	ROHM	MCR 10 EZH J 681	302.046
R581	RESISTOR SMD 0805	12k OHM 5% 0.1W	ROHM	MCR 10 EZH J 123	302.061
R582	RESISTOR SMD 0805	470k OHM 5% 0.1W	ROHM	MCR 10 EZH J 474	302.080
R583	RESISTOR SMD 0805	22k OHM 5% 0.1W	ROHM	MCR 10 EZH J 223	302.064

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POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
R584	RESISTOR SMD 0805	22k OHM 5% 0.1W	ROHM	MCR 10 EZH J 223	302.064
R585	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R586	RESISTOR SMD 0805	7k15 OHM 1% 50mW	PHILIPS	2322 734 2/67152	302.452
R587	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R588	RESISTOR SMD 1206	1k2 OHM 5% 0.25W	ROHM	MCR 18 EZH J 122	303.049
R589	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R590	RESISTOR SMD 0805	12k OHM 5% 0.1W	ROHM	MCR 10 EZH J 123	302.061
R591	RESISTOR SMD 0805	33k OHM 5% 0.1W	ROHM	MCR 10 EZH J 333	302.066
R592	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R593	RESISTOR SMD 0805	680 OHM 5% 0.1W	ROHM	MCR 10 EZH J 681	302.046
R594	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R595	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R596	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R597	RESISTOR SMD 0805	0 OHM 2A	PHILIPS	2322 730 91002 (91003)	302.000
R598	RESISTOR SMD 0805	3k3 OHM 5% 0.1W	ROHM	MCR 10 EZH J 332	302.054
R599	RESISTOR SMD 0805	22k OHM 5% 0.1W	ROHM	MCR 10 EZH J 223	302.064
R600	RESISTOR SMD 0805	39k OHM 5% 0.1W	ROHM	MCR 10 EZH J 393	302.067
R601	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R602	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R603	RESISTOR SMD 0805	10 OHM 5% 0.1W	ROHM	MCR 10 EZH J 10R	302.024
R604	RESISTOR SMD 0805	22 OHM 5% 0.1W	ROHM	MCR 10 EZH J 22R	302.028
R605	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R606	RESISTOR SMD 0805	10M OHM 5% 0.1W	ROHM	MCR 10 EZH J 106	302.096
R607	RESISTOR SMD 0805	220k OHM 5% 0.1W	ROHM	MCR 10 EZH J 224	302.076
R608	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R609	RESISTOR SMD 0805	12k OHM 5% 0.1W	ROHM	MCR 10 EZH J 123	302.061
R610	RESISTOR SMD 0805	22k OHM 5% 0.1W	ROHM	MCR 10 EZH J 223	302.064
R611	RESISTOR SMD 0805	2k26 OHM 1% 50mW	PHILIPS	2322 734 2/62262	302.404
R612	RESISTOR SMD 0805	12k OHM 5% 0.1W	ROHM	MCR 10 EZH J 123	302.061
R613	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R614	RESISTOR SMD 0805	150k OHM 5% 0.1W	ROHM	MCR 10 EZH J 154	302.074
R615	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R616	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R617	RESISTOR SMD 0805	2k26 OHM 1% 50mW	PHILIPS	2322 734 2/62262	302.404
R618	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R619	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R620	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R621	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R622	RESISTOR SMD 0805	2k26 OHM 1% 50mW	PHILIPS	2322 734 2/62262	302.404
R623	RESISTOR SMD 0805	2k26 OHM 1% 50mW	PHILIPS	2322 734 2/62262	302.404
R624	RESISTOR SMD 0805	47 OHM 5% 0.1W	ROHM	MCR 10 EZH J 47R	302.032
R625	RESISTOR SMD 0805	10k0 OHM 1% 50mW	PHILIPS	2322 734 2/61003	302.470
R626	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R627	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R628	RESISTOR SMD 0805	270k OHM 5% 0.1W	ROHM	MCR 10 EZH J 274	302.077
R629	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R630	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R631	RESISTOR SMD 0805	2k26 OHM 1% 50mW	PHILIPS	2322 734 2/62262	302.404
R632	RESISTOR SMD 0805	40k2 OHM 1% 50mW	PHILIPS	2322 734 2/64023	302.528
R633	RESISTOR SMD 0805	270k OHM 5% 0.1W	ROHM	MCR 10 EZH J 274	302.077
R634	RESISTOR SMD 0805	1M0 OHM 5% 0.1W	ROHM	MCR 10 EZH J 105	302.084
R635	RESISTOR SMD 0805	220k OHM 5% 0.1W	ROHM	MCR 10 EZH J 224	302.076
R636	RESISTOR SMD 0805	23k7 OHM 1% 50mW	PHILIPS	2322 734 2/62373	302.506
R637	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R638	RESISTOR SMD 0805	22k OHM 5% 0.1W	ROHM	MCR 10 EZH J 223	302.064
R639	RESISTOR SMD 0805	2k87 OHM 1% 50mW	PHILIPS	2322 734 2/62872	302.414
R640	RESISTOR SMD 0805	0 OHM 2A	PHILIPS	2322 730 91002 (91003)	302.000
R641	RESISTOR SMD 0805	10k0 OHM 1% 50mW	PHILIPS	2322 734 2/61003	302.470
R642	RESISTOR SMD 0805	12k OHM 5% 0.1W	ROHM	MCR 10 EZH J 123	302.061
R643	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R644	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R645	RESISTOR SMD 0805	110k OHM 1% 50mW	PHILIPS	2322 734 2/61104	302.574
R646	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R647	RESISTOR SMD 0805	22k OHM 5% 0.1W	ROHM	MCR 10 EZH J 223	302.064
R648	RESISTOR SMD 0805	1M0 OHM 5% 0.1W	ROHM	MCR 10 EZH J 105	302.084
R649	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R650	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R651	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R652	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R653	RESISTOR SMD 0805	0 OHM 2A	PHILIPS	2322 730 91002 (91003)	302.000
R654	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R655	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R656	RESISTOR SMD 0805	18k OHM 5% 0.1W	ROHM	MCR 10 EZH J 183	302.063
R657	RESISTOR SMD 0805	15k OHM 5% 0.1W	ROHM	MCR 10 EZH J 153	302.062

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POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
R658	RESISTOR SMD 0805	470 OHM 5% 0.1W	ROHM	MCR 10 EZH J 471	302.044
R659	RESISTOR SMD 0805	3k3 OHM 5% 0.1W	ROHM	MCR 10 EZH J 332	302.054
R660	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R661	RESISTOR SMD 0805	15k4 OHM 1% 50mW	PHILIPS	2322 734 2/61543	302.488
R662	RESISTOR SMD 0805	36k5 OHM 1% 50mW	PHILIPS	2322 734 2/63653	302.524
R663	RESISTOR SMD 0805	4k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 472	302.056
R664	RESISTOR SMD 1206	1k5 OHM 5% 0.25W	DRALORIC	CR 1206 L 152 J G4	303.050
R665	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R666	RESISTOR SMD 0805	2k87 OHM 1% 50mW	PHILIPS	2322 734 2/62872	302.414
R667	RESISTOR SMD 0805	140k OHM 1% 50mW	PHILIPS	2322 734 2/61404	302.584
R668	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R669	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R670	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R671	RESISTOR SMD 0805	205k OHM 1% 50mW	PHILIPS	2322 734 2/62054	302.600
R672	RESISTOR SMD 0805	7k15 OHM 1% 50mW	PHILIPS	2322 734 2/67152	302.452
R673	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R674	RESISTOR SMD 0805	24k9 OHM 1% 50mW	PHILIPS	2322 734 2/62493	302.508
R675	RESISTOR SMD 0805	11k0 OHM 1% 50mW	PHILIPS	2322 734 2/61103	302.474
R676	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R677	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R678	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R679	RESISTOR SMD 0805	470 OHM 5% 0.1W	ROHM	MCR 10 EZH J 471	302.044
R680	RESISTOR SMD 0805	27 OHM 5% 0.1W	ROHM	MCR 10 EZH J 27R	302.029
R681	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R682	RESISTOR SMD 0805	0 OHM 2A	PHILIPS	2322 730 91002 (91003)	302.000
R683	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R684	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R685	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R686	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R687	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R688	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R689	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R690	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R699	RESISTOR MF	47k OHM 5% 0.33W	PHILIPS	2322 187 73473	02.512
R700	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R701	RESISTOR MF	1k5 OHM 5% 0.33W	PHILIPS	2322 187 73152	02.476
R702	RESISTOR SMD 0805	2k26 OHM 1% 50mW	PHILIPS	2322 734 2/62262	302.404
R703	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
V1	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V2	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V3	PIN DIODE	BA679	TELEFUNKEN	BA679 GS08 (GS18)	83710300
V4	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V5	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V6	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V7	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V8	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V9	TRANSISTOR RF NPN	BFR92A	PHILIPS	BFR92A	345.530
V10	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V11	DIODE RECTIFIER	BYV27-150, -200	AEG	BYV 27-150	83127150
V12	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V13	TRANS. AF MED POW.	NPN, BC868	PHILIPS	BC868-115	84720100
V14	DIODE RECTIFIER	BYV27-150, -200	AEG	BYV 27-150	83127150
V15	PIN DIODE	BA679	TELEFUNKEN	BA679 GS08 (GS18)	83710300
V16	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V17	PIN DIODE	BA679	TELEFUNKEN	BA679 GS08 (GS18)	83710300
V18	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V19	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V20	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V21	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V22	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V23	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V24	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V25	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V26	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V27	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V28	TRANSISTOR RF SMALL SIGNA	BFS20	PHILIPS	BFS20-215	84770400
V29	TRANSISTOR RF SMALL SIGNA	BFS20	PHILIPS	BFS20-215	84770400
V30	TRANSISTOR RF SMALL SIGNA	BFS20	PHILIPS	BFS20-215	84770400
V31	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V32	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V33	TRANSISTOR RF	BFW17A NPN TO-39	SGS	BFW17A	29.151
V34	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V35	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V36	TRANSISTOR AF MED.POW	PNP. BD436, BD438	MOTOROLA	BD436	84204360

PARTSLIST

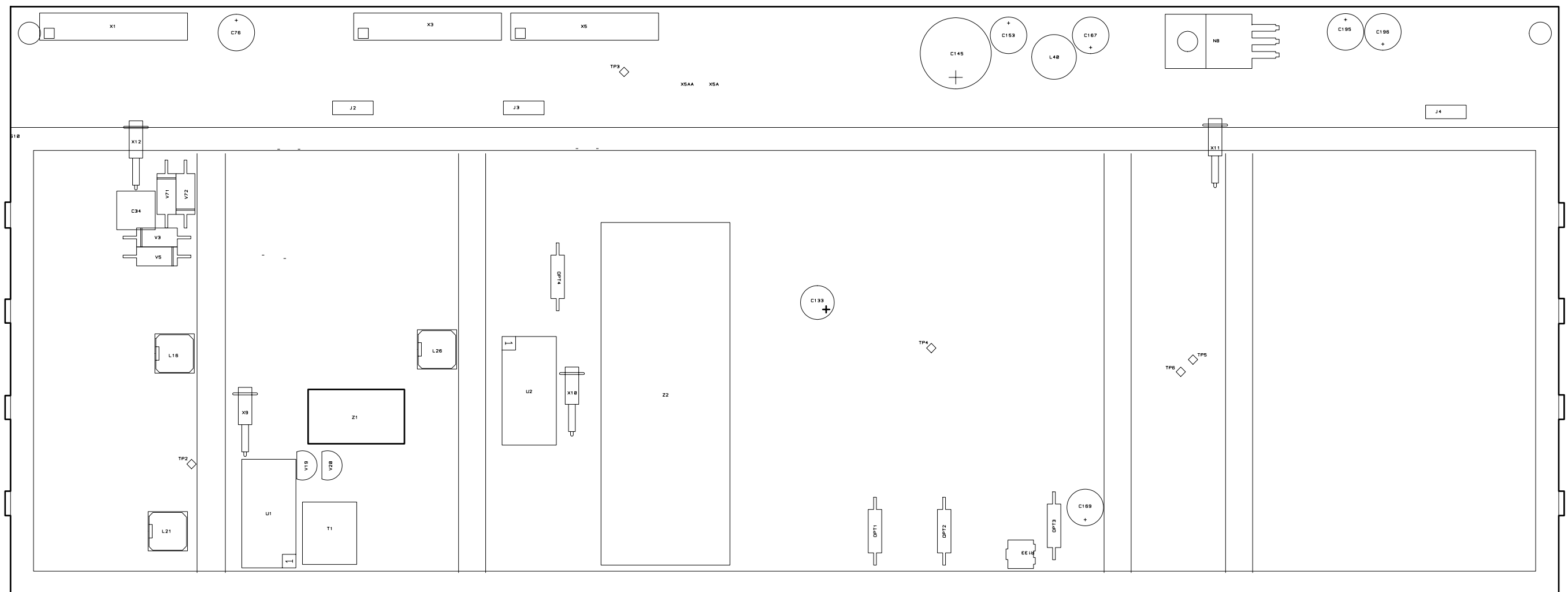
POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
V37	DIODE ZENER	10V 2% 0.5W SOD-80	AEG	TZM/B 10	83731400
V38	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V39	TRANS. AF MED POW.	NPN, BC868	PHILIPS	BC868-115	84720100
V40	TRANSISTOR RF NPN	BFR92A	PHILIPS	BFR92A	345.530
V41	DIODE ZENER	4V7 V 5% 0.5W SOD-80	PHILIPS	BZV55 C4V7	83731000
V42	DIODE ZENER	5.1V 2% 0.5W SOD-80	TFK	TZM/B5V1	340.417
V43	TRANS. AF MED POW.	NPN, BC868	PHILIPS	BC868-115	84720100
V44	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V45	DIODE ZENER	4V7 V 5% 0.5W SOD-80	PHILIPS	BZV55 C4V7	83731000
V46	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V47	TRANS. DUAL GATE MOS-FET	N-CHANNEL, BF991	PHILIPS	BF991 215	84760000
V48	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V49	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V50	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V51	DIODE ZENER	10V 2% 0.5W SOD-80	AEG	TZM/B 10	83731400
V52	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V53	TRANSISTOR N-CH.JFET	2 PCS J310 SORTED	ECI A/S	00965074	84003102
V54	TRANSISTOR AF MED.POW	PNP, BD436, BD438	MOTOROLA	BD436	84204360
V55	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V56	TRANSISTOR N-CH.JFET	2 PCS J310 SORTED	ECI A/S	00965074	84003102
V57	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V58	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V59	TRANS. AF MED POW.	NPN, BC868	PHILIPS	BC868-115	84720100
V60	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V61	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V62	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V63	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V64	TRANSISTOR AF NPN SOT-23	BC817-25	PHILIPS	BC817-25	345.017
V65	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V66	TRANSISTOR N-CH.J-FET SO	SST310,MMBFJ310	NATIONAL	MM BFJ 310	84760200
V67	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V68	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V69	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V70	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V71	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V72	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V73	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V74	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V75	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V76	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V77	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V78	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V79	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V80	TRANSISTOR AF NPN SOT-23	BC817-25	PHILIPS	BC817-25	345.017
V81	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V82	TRANSISTOR RF SMALL SIGNA	BF840	PHILIPS	BF 840	84770000
V83	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V84	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V85	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V86	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V87	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V88	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V89	DIODE ZENER	6V8 V 5% 0.5W SOD-80	PHILIPS	BZV55 C6V8	83731100
V90	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V91	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V92	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V93	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V94	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V95	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V96	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V97	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V98	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V99	DIODE ZENER	6V8 V 5% 0.5W SOD-80	PHILIPS	BZV55 C6V8	83731100
V100	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V101	DIODE ZENER	3V6 V 5% 0.5W SOD-80	PHILIPS	BZV55 C3V6	83731200
V102	DIODE ZENER	7V5 2% 0.5W SOD-80	TFK	TZM/B 7V5	83732700
V103	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V104	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V105	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V106	DIODE ZENER	7V5 2% 0.5W SOD-80	TFK	TZM/B 7V5	83732700
V107	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V108	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V109	TRANSISTOR AF NPN SOT-23	BC817-25	PHILIPS	BC817-25	345.017
V110	PIN DIODE	BA679	TELEFUNKEN	BA679 GS08 (GS18)	83710300

PARTSLIST

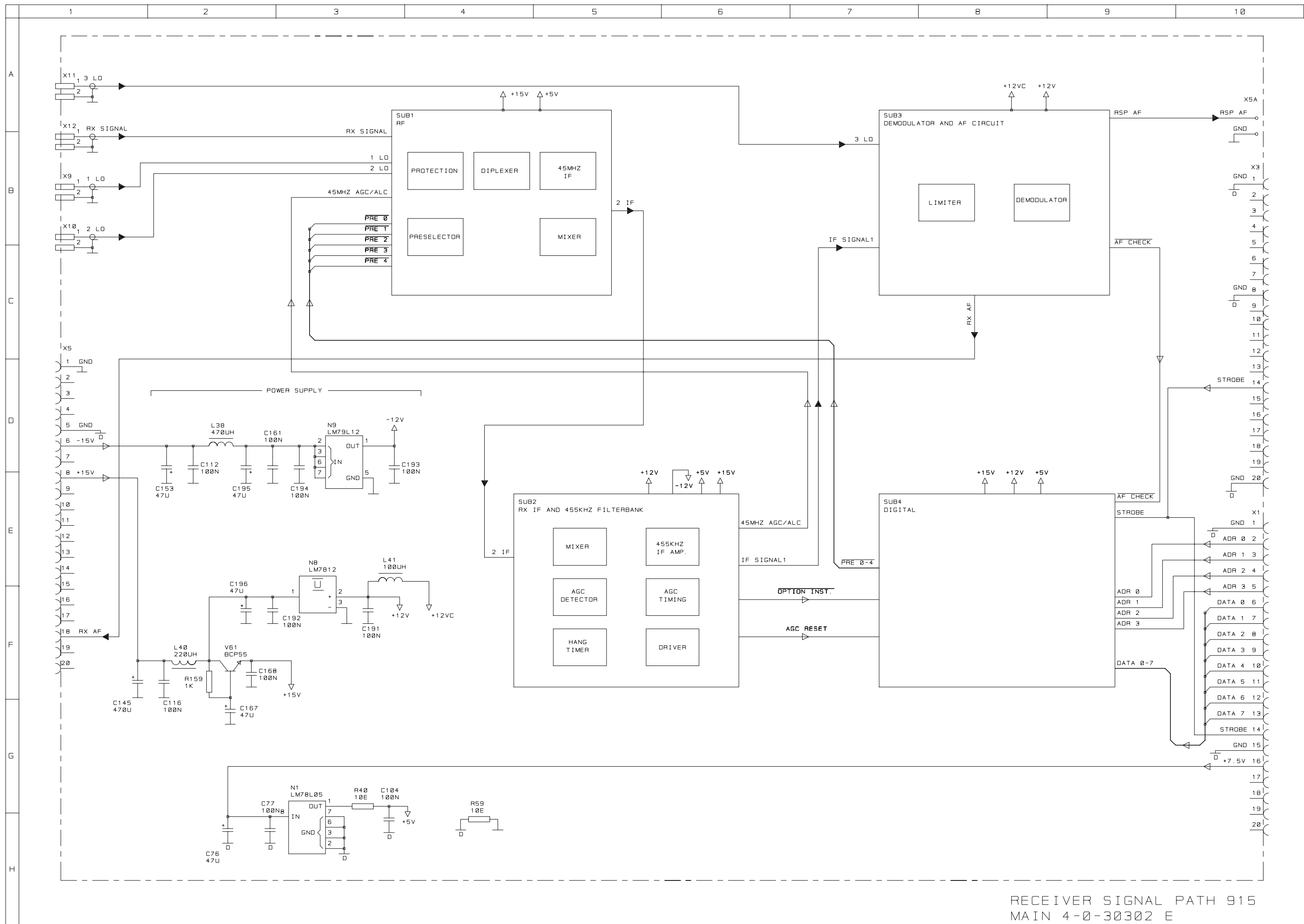
POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
V111	PIN DIODE	BA679	TELEFUNKEN	BA679 GS08 (GS18)	83710300
V112	PIN DIODE	BA679	TELEFUNKEN	BA679 GS08 (GS18)	83710300
V113	PIN DIODE	BA679	TELEFUNKEN	BA679 GS08 (GS18)	83710300
V114	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V115	TRANSISTOR RF SMALL SIGNA	BFS20	PHILIPS	BFS20-215	84770400
V116	TRANSISTOR RF SMALL SIGNA	BFS20	PHILIPS	BFS20-215	84770400
V117	TRANSISTOR RF SMALL SIGNA	BFS20	PHILIPS	BFS20-215	84770400
V118	TRANSISTOR RF SMALL SIGNA	BFS20	PHILIPS	BFS20-215	84770400
V119	TRANSISTOR RF SMALL SIGNA	BFS20	PHILIPS	BFS20-215	84770400
V120	TRANSISTOR RF SMALL SIGNA	BFS20	PHILIPS	BFS20-215	84770400
V121	TRANSISTOR RF SMALL SIGNA	BFS20	PHILIPS	BFS20-215	84770400
V122	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V123	TRANSISTOR RF SMALL SIGNA	BFS20	PHILIPS	BFS20-215	84770400
V124	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V125	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V126	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V127	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V128	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V130	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V131	TRANS.SWITCH N-CN. JFET	SST112, MMBFJ112	SILICONIX	SST112 T1	84760300
V132	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V133	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V134	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V135	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V136	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V137	DIODE ZENER	5.1V 2% 0.5W SOD-80	TFK	TZM/B5V1	340.417
V138	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V139	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V140	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V141	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V142	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V143	DIODE ZENER	8V2 V 5% 0.5W SOD-80	PHILIPS	BZV55 C8V2	83730200
V144	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V145	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V146	DIODE ZENER	3V3 2% 0.5W SOD-80	AEG	T2M/B 3V3	83732600
V147	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V148	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V149	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V150	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V151	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V152	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V153	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V154	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V155	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V200	TRANS. AF MED POW.	NPN, BC868	PHILIPS	BC868-115	84720100
V201	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V202	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V203	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V204	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V205	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V206	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V207	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V208	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V209	DIODE SCHOTTKY	LL101A	ITT	LL101A(B,C) TAPE&REEL	83710100
V210	DIODE SCHOTTKY	LL101A	ITT	LL101A(B,C) TAPE&REEL	83710100
V211	DIODE SCHOTTKY	LL101A	ITT	LL101A(B,C) TAPE&REEL	83710100
V212	DIODE SCHOTTKY	LL101A	ITT	LL101A(B,C) TAPE&REEL	83710100
V213	DIODE SCHOTTKY	LL101A	ITT	LL101A(B,C) TAPE&REEL	83710100
V214	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V215	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V216	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V217	TRANSISTOR RF SMALL SIGNA	BF840	PHILIPS	BF 840	84770000
V218	TRANSISTOR RF SMALL SIGNA	BF840	PHILIPS	BF 840	84770000
V219	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V220	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V221	DIODE ZENER	5.1V 2% 0.5W SOD-80	TFK	TZM/B5V1	340.417
V222	TRANSISTOR N-CH.J-FET SO	SST310,MMBFJ310	NATIONAL	MM BFJ 310	84760200
T1	TRANSFORMER		ECI A/S	103 787 91A	10378791
T2	TRANSFORMER 45 MHz	AMPLIFIER, TL588	ECI A/S	8-0-31000 / TL588	400588
T3	TRAFO RF 260nH ADJUSTABLE		SUMIDA	S-7GD 0237-H974	38.440
U1	DIODE MIXER +7dBm	HPF505, SRA-1	MINI CIRCUIT	HPF 505	85000011
U2	DIODE MIXER +7dBm	HPF505, SRA-1	MINI CIRCUIT	HPF 505	85000011
N1	POS. VOLTAGE REG. FIXED	5V/0.1A 78L05AC	MOTOROLA	MC78L05ACP RA	31.135
N2	QUAD BILATERAL SWITCH	CD4066BC	MOTOROLA	MC14066BD R2(R1)	355.066

PARTSLIST

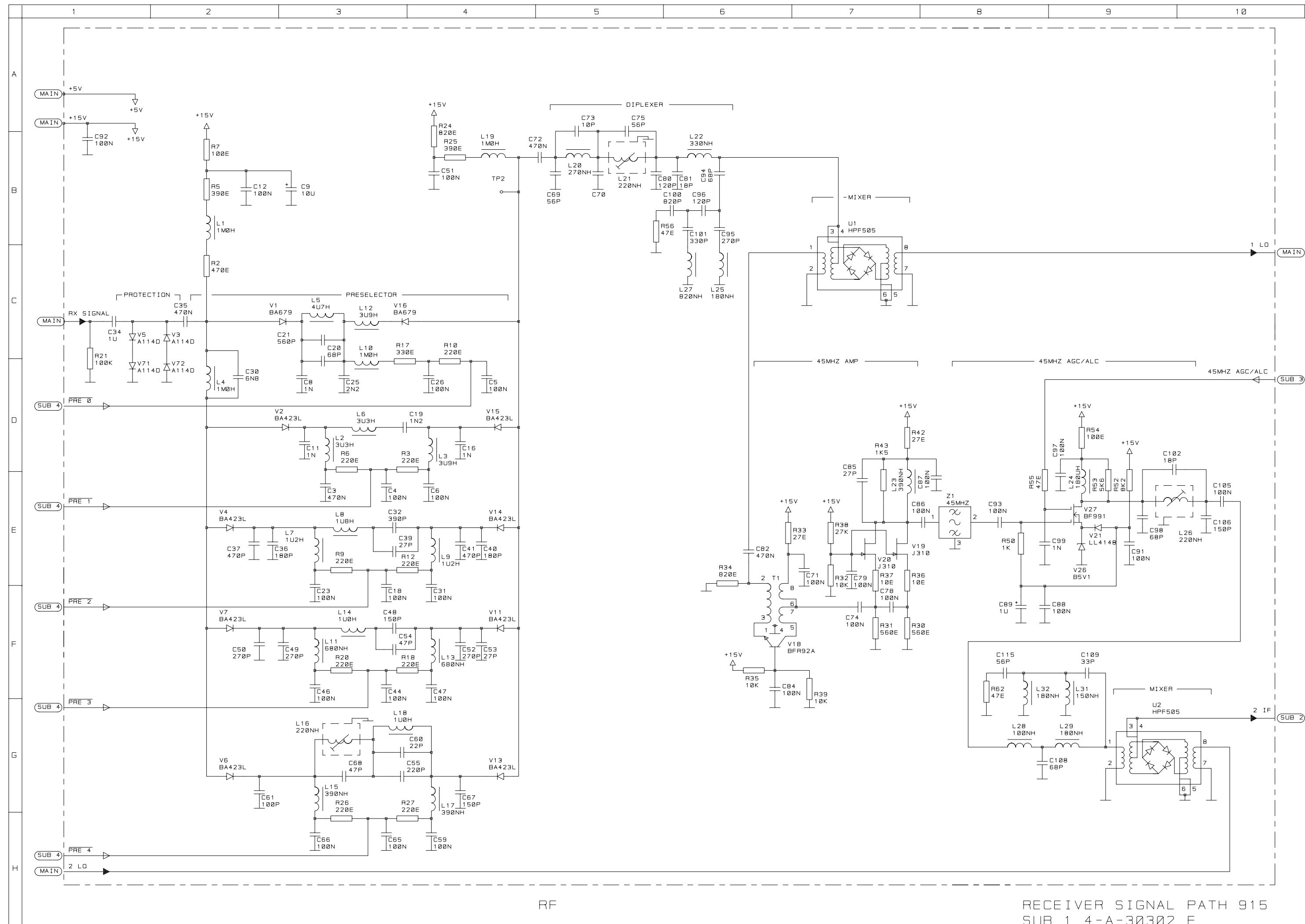
POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
N3	DUAL VOLTAGE COMPERATOR	LM2903	MOTOROLA	LM2903DR2(R1) REDESIGNES/931122/JH-MOT	85890100
N4	DUAL OPAMP LOW NOISE	LM833 OP275	NATIONAL	LM833-M TAPE&REEL	350.535
N5	QUAD BILATERAL SWITCH	CD4066BC	MOTOROLA	MC14066BD R2(R1)	355.066
N6	QUAD BILATERAL SWITCH	CD4066BC	MOTOROLA	MC14066BD R2(R1)	355.066
N7	VOLTAGE COMPARATOR SO08	LM311	TEXAS	LM311DR	85810800
N8	QUAD BILATERAL SWITCH	CD4066BC	MOTOROLA	MC14066BD R2(R1)	355.066
N9	TRIPLE 2-CH.ANALOG MULTIP	MC14053B,CD4053B,TC4053B	MOTOROLA	MC14053BDR2(R1)	85911600
N10	DUAL OPAMP GEN. PURPOSE	SO08 1458	NATIONAL	LM1458MX	85810500
N11	VOLTAGE REGULATOR	-12V/0.1A, LM78L12AC	MOTOROLA	MC79L12ACP RA	85079121
N12	DUAL J-FET OP AMP SO8	LF353, TL072	TEXAS	TL072CDR	85810400
N13	TRIPLE 2-CH.ANALOG MULTIP	MC14053B,CD4053B,TC4053B	MOTOROLA	MC14053BDR2(R1)	85911600
N14	QUAD BILATERAL SWITCH	CD4066BC	MOTOROLA	MC14066BD R2(R1)	355.066
N15	POS. VOLTAGE REG. 12V/1A	MC7812-LM340T-12	MOTOROLA	MC7812CT (MC7812BT)	31.260
N16	QUAD BILATERAL SWITCH	CD4066BC	MOTOROLA	MC14066BD R2(R1)	355.066
N17	DUAL OPAMP GEN. PURPOSE	SO08 1458	NATIONAL	LM1458MX	85810500
N18	QUAD BILATERAL SWITCH	CD4066BC	MOTOROLA	MC14066BD R2(R1)	355.066
N19	VOLTAGE COMPARATOR SO08	LM311	TEXAS	LM311DR	85810800
N20	DUAL J-FET OP AMP SO8	LF353, TL072	TEXAS	TL072CDR	85810400
N21	DUAL LOW POW. OP AMP	LM358	MOTOROLA	LM358D R2 (LM358AD R2)	350.525
N22	QUAD J-FET OP AMP SO14	TL074C		ST TL 074 CFP	85810200
N23	TRIPLE 2-CH.ANALOG MULTIP	MC14053B,CD4053B,TC4053B	MOTOROLA	MC14053BDR2(R1)	85911600
N24	SINGLE J-FET INPUT OP AMP	LF351, TL071	MOTOROLA	LF351DR2 (R1)	85810700
N25	QUAD OP AMP	LM348	NATIONAL	LM348MX	85810600
N26	DUAL OPAMP GEN. PURPOSE	SO08 1458	NATIONAL	LM1458MX	85810500
N27	QUAD BILATERAL SWITCH	CD4066BC	MOTOROLA	MC14066BD R2(R1)	355.066
N28	TRIPLE 2-CH.ANALOG MULTIP	MC14053B,CD4053B,TC4053B	MOTOROLA	MC14053BDR2(R1)	85911600
N29	LOW POWER AUDIO AMPLIFIER	MC34119	MOTOROLA	MC34119D R2(R1)	85870000
N30	DUAL OPAMP GEN. PURPOSE	SO08 1458	NATIONAL	LM1458MX	85810500
N31	QUAD J-FET OP AMP SO14	TL074C		ST TL 074 CFP	85810200
N32	QUAD J-FET OP AMP SO14	TL074C		ST TL 074 CFP	85810200
N33	DUAL J-FET OP AMP SO8	LF353, TL072	TEXAS	TL072CDR	85810400
N34	QUAD BILATERAL SWITCH	CD4066BC	MOTOROLA	MC14066BD R2(R1)	355.066
N35	DUAL VOLTAGE COMPERATOR	LM2903	MOTOROLA	LM2903DR2(R1) REDESIGNES/931122/JH-MOT	85890100
N36	DUAL OPAMP GEN. PURPOSE	SO08 1458	NATIONAL	LM1458MX	85810500
N37	POS. VOLTAGE REG. FIXED	6.2V 5% 0.1A 78L06AC	TEXAS	UA78L06ACLP R	85078061
N38	QUAD BILATERAL SWITCH	CD4066BC	MOTOROLA	MC14066BD R2(R1)	355.066
N39	QUAD BILATERAL SWITCH	CD4066BC	MOTOROLA	MC14066BD R2(R1)	355.066
N40	DUAL OPAMP GEN. PURPOSE	SO08 1458	NATIONAL	LM1458MX	85810500
N41	QUAD BILATERAL SWITCH	CD4066BC	MOTOROLA	MC14066BD R2(R1)	355.066
Z1	CRYSTAL FILTER	Fc=45MHz BW=7kHz, 45NE7B	NDK	45 NE 7B	38377021
Z2	CRYSTAL FILTER TELEX-I	Fc=455kHz, YF-455HM	HY-Q	YF-455HM 343 771 51B	38377093
Z3	CERAMIC FILTER Fc=455kHz	CFW455HT, CFK455H	MURATA	CFW455HT	81004553
Z4	CERAMIC SSB FILTER	Fc=455kHz, CFJ455K5	MURATA	CFJ 455 K5	81004554
Z5	CRYSTAL FILTER SSB	Fc=455kHz BW=2.4kHz		383 770 11B /343 771 51B	38377011



RECEIVER SIGNAL PATH 915
5-6-30302 D
VIEWED FROM TOP SIDE

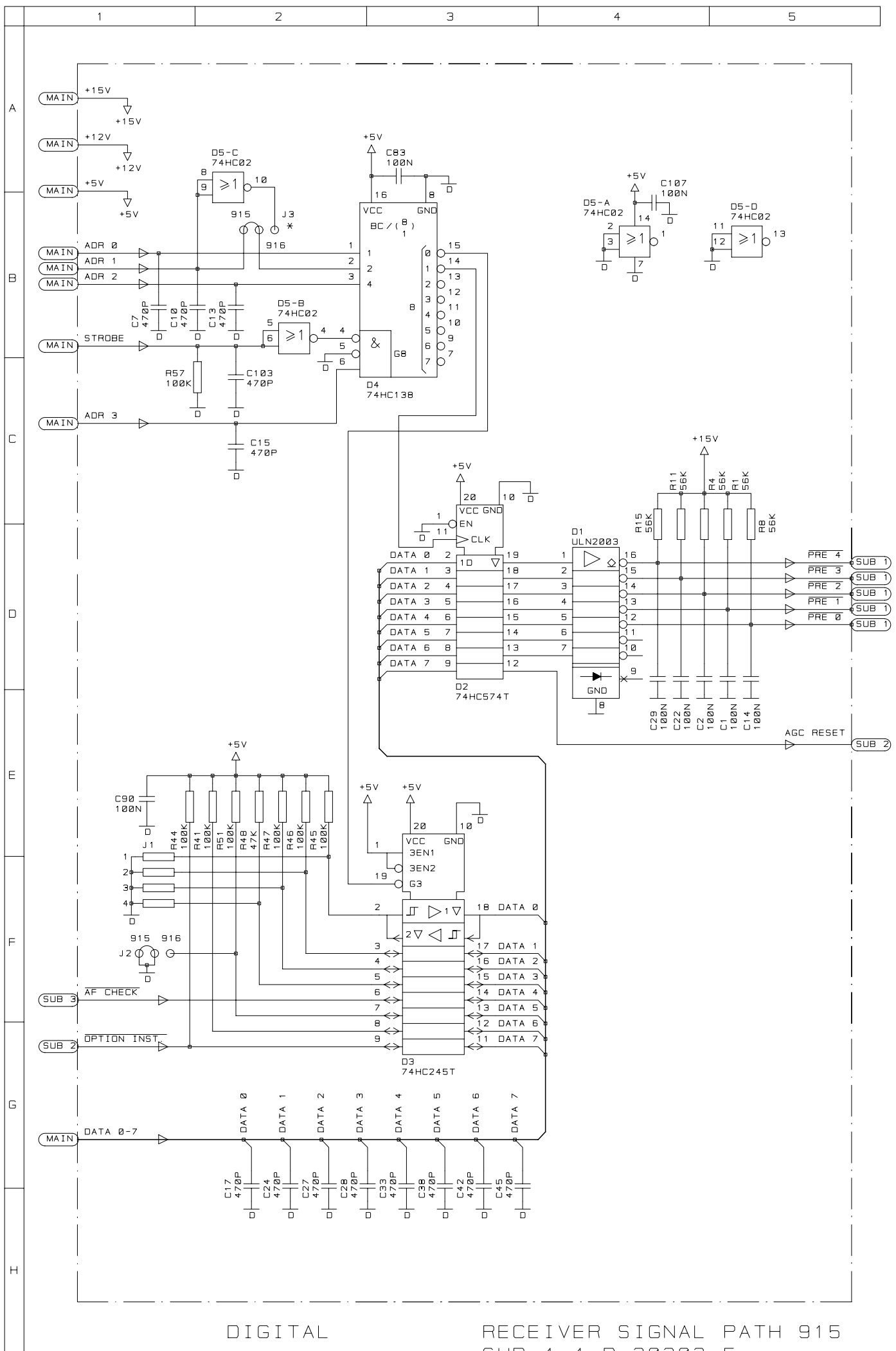


RECEIVER SIGNAL PATH 915
MAIN 4-0-30302 E



RF

RECEIVER SIGNAL PATH 915
SUB 1 4-A-30302 E



DIGITAL

RECEIVER SIGNAL PATH 915
SUB 4 4-D-30302 E

PARTS LIST

RECEIVER SIGNAL PATH 915S		ECI A/S	COMP. C / DIA B	63030201
POSITION	DESCRIPTION	MANUFACTOR	TYPE	PART NO.
VARIOUS	RECEIVER SIGNAL PATH 915	ECI A/S	COMP. D / DIA G VER.915-DG	10789151

PARTS LIST

RECEIVER SIGNAL PATH 915			ECI A/S	COMP. D / DIA G	10789151
POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
C1	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C2	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C3	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C4	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C5	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C6	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C7	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C8	CAPACITOR CERAM. SMD 1210	1n0F 2% NPO 50VDC	VITRAMON	VJ1210A102GXAT(M)	67003200
C9	CAPACITOR TANTALUM	10uF 10% 25VDC	SIEMENS	B45196-B5106-K409	67700300
C10	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C11	CAPACITOR CERAM. SMD 1210	1n0F 2% NPO 50VDC	VITRAMON	VJ1210A102GXAT(M)	67003200
C12	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C13	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C14	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C15	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C16	CAPACITOR CERAM. SMD 1210	1n0F 2% NPO 50VDC	VITRAMON	VJ1210A102GXAT(M)	67003200
C17	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C18	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C19	CAPACITOR CERAM. SMD 1210	1n2F 2% NPO 50VDC	VITRAMON	VJ1210A122GXAT(M)	67007400
C20	CAPACITOR CERAM. SMD 0805	68pF 2% NPO 50VDC	VITRAMON	VJ0805A680GXAT(M)	67006600
C21	CAPACITOR CERAM. SMD 0805	560pF 2% NPO 50VDC	VITRAMON	VJ0805A561GXAT(M)	67006500
C22	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C23	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C24	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C25	CAPACITOR CERAM. SMD 1210	2n2F 2% NPO 50VDC	VITRAMON	VJ1210A222GXAT	67004200
C26	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C27	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C28	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C29	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C30	CAPACITOR CERAM. SMD 1210	6n8F 2% NPO 50VDC	VITRAMON	VJ1210A682GXAT(M)	67007200
C31	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C32	CAPACITOR CERAM. SMD 0805	390pF 2% NPO 50VDC	AVX	CM 21 CG 391 G 50 A T	67003400
C33	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C34	CAPACITOR MKT	1u0F 10% 100VDC	ROEDERSTEIN	MKT1826-510/015	62361003
C35	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C36	CAPACITOR CERAM. SMD 0805	180pF 2% NPO 50VDC	AVX	CM 21 CG 181 G 50 A T	67006300
C37	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C38	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C39	CAPACITOR CERAM. SMD 0805	27pF 2% NPO 50VDC	AVX	CM 21 CG 270 G 50 A T	67005900
C40	CAPACITOR CERAM. SMD 0805	180pF 2% NPO 50VDC	AVX	CM 21 CG 181 G 50 A T	67006300
C41	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C42	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C44	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C45	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C46	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C47	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C48	CAPACITOR CERAM. SMD 0805	150pF 2% NPO 50VDC	AVX	CM 21 CG 151 G 50 A T	67004900
C49	CAPACITOR CERAM. SMD 0805	27pF 2% NPO 50VDC	AVX	CM 21 CG 270 G 50 A T	67005900
C50	CAPACITOR CERAM. SMD 0805	270pF 2% NPO 50VDC	AVX	CM 21 CG 271 G 50 A T	67003500
C51	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C52	CAPACITOR CERAM. SMD 0805	270pF 2% NPO 50VDC	AVX	CM 21 CG 271 G 50 A T	67003500
C53	CAPACITOR CERAM. SMD 0805	27pF 2% NPO 50VDC	AVX	CM 21 CG 270 G 50 A T	67005900
C54	CAPACITOR CERAM. SMD 0805	47pF 2% NPO 50VDC	AVX	CM 21 CG 470 G 50 A T	67004800
C55	CAPACITOR CERAM. SMD 0805	220pF 2% NPO 50VDC	AVX	CM 21 CG 221 G 50 A T	67006400
C59	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C60	CAPACITOR CERAM. SMD 0805	22pF 2% NPO 50VDC	VITRAMON	VJ0805A220GXAT	67002900
C61	CAPACITOR CERAM. SMD 0805	100pF 2% NPO 50VDC	VITRAMON	VJ0805A101GXAT(M)	67005500
C65	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C66	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C67	CAPACITOR CERAM. SMD 0805	150pF 2% NPO 50VDC	AVX	CM 21 CG 151 G 50 A T	67004900
C68	CAPACITOR CERAM. SMD 0805	47pF 2% NPO 50VDC	AVX	CM 21 CG 470 G 50 A T	67004800
C69	CAPACITOR CERAM. SMD 0805	56pF 2% NPO 50VDC	AVX	CM21 CG 560 G 50 A T	67003100
C70	CAPACITOR CERAM. SMD 0805	120pF 2% NPO 50VDC	VITRAMON	VJ0805A121GXAT(M)	67006700
C71	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C72	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C73	CAPACITOR CERAM. SMD 0805	10pF 2% NPO 50VDC	AVX	CM 21 CG 100 G 50 A T	67004400
C74	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C75	CAPACITOR CERAM. SMD 0805	56pF 2% NPO 50VDC	AVX	CM21 CG 560 G 50 A T	67003100

PARTSLIST

POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
C76	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C77	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C78	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C79	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C80	CAPACITOR CERAM. SMD 0805	120pF 2% NPO 50VDC	VITRAMON	VJ0805A121GXAT(M)	67006700
C81	CAPACITOR CERAM. SMD 0805	18pF 2% NPO 50VDC	VITRAMON	VJ0805A180GXAT(M)	67004000
C82	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C83	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C84	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C85	CAPACITOR CERAM. SMD 0805	27pF 2% NPO 50VDC	AVX	CM 21 CG 270 G 50 A T	67005900
C86	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C87	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C88	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C89	CAPACITOR TANTALUM 3528	1u0F 20% 35VDC	ERO	CB 105035 M E17	67700100
C90	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C91	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C92	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C93	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C94	CAPACITOR CERAM. SMD 0805	68pF 2% NPO 50VDC	VITRAMON	VJ0805A680GXAT(M)	67006600
C95	CAPACITOR CERAM. SMD 0805	270pF 2% NPO 50VDC	AVX	CM 21 CG 271 G 50 A T	67003500
C96	CAPACITOR CERAM. SMD 0805	120pF 2% NPO 50VDC	VITRAMON	VJ0805A121GXAT(M)	67006700
C97	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C98	CAPACITOR CERAM. SMD 0805	68pF 2% NPO 50VDC	VITRAMON	VJ0805A680GXAT(M)	67006600
C99	CAPACITOR CERAM. SMD 1210	1n0F 10% NPO 63VDC	VITRAMON	VJ1210A102KXAT	67008500
C100	CAPACITOR CERAM. SMD 0805	820pF 2% NPO 50VDC	VITRAMON	VJ0805A821GXAT	67006900
C101	CAPACITOR CERAM. SMD 0805	330pF 2% NPO 50VDC	VITRAMON	VJ0805A331GFAT	67006800
C102	CAPACITOR CERAM. SMD 0805	18pF 2% NPO 50VDC	VITRAMON	VJ0805A180GXAT(M)	67004000
C103	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C104	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C105	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C106	CAPACITOR CERAM. SMD 0805	150pF 2% NPO 50VDC	AVX	CM 21 CG 151 G 50 A T	67004900
C107	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C108	CAPACITOR CERAM. SMD 0805	68pF 2% NPO 50VDC	VITRAMON	VJ0805A680GXAT(M)	67006600
C109	CAPACITOR CERAM. SMD 0805	33pF 2% NPO 50VDC	VITRAMON	VJ0805A330GXAT	67005700
C110	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C111	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C112	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C113	CAPACITOR CERAM. SMD 1210	1n0F 2% NPO 50VDC	VITRAMON	VJ1210A102GXAT(M)	67003200
C114	CAPACITOR CERAM. SMD 1210	1n2F 2% NPO 50VDC	VITRAMON	VJ1210A122GXAT(M)	67007400
C115	CAPACITOR CERAM. SMD 0805	56pF 2% NPO 50VDC	AVX	CM21 CG 560 G 50 A T	67003100
C116	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C117	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C118	CAPACITOR TANTALUM	1u5F 10% 25VDC	SPRAGUE	293D155X9025B2T	67700900
C119	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C120	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C121	CAPACITOR CERAM. SMD 1210	1n2F 2% NPO 50VDC	VITRAMON	VJ1210A122GXAT(M)	67007400
C122	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C123	CAPACITOR TANTALUM	1u5F 10% 25VDC	SPRAGUE	293D155X9025B2T	67700900
C124	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C125	CAPACITOR CERAM. SMD 1210	1n2F 2% NPO 50VDC	VITRAMON	VJ1210A122GXAT(M)	67007400
C126	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C127	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C128	CAPACITOR TANTALUM	1u5F 10% 25VDC	SPRAGUE	293D155X9025B2T	67700900
C129	CAPACITOR CERAM. SMD 1210	1n2F 2% NPO 50VDC	VITRAMON	VJ1210A122GXAT(M)	67007400
C130	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C131	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C132	CAPACITOR CERAM. SMD 1210	10nF 10% X7R 50VDC	VITRAMON	VJ1210Y103KXAT	67102200
C133	CAPACITOR TANTALUM	22uF 20% 25VDC	ROEDERSTEIN	ETPW5JL	65272200
C134	CAPACITOR CERAM. SMD 0805	100pF 2% NPO 50VDC	VITRAMON	VJ0805A101GXAT(M)	67005500
C135	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C136	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C137	CAPACITOR TANTALUM	1u5F 10% 25VDC	SPRAGUE	293D155X9025B2T	67700900
C138	CAPACITOR CERAM. SMD 1210	1n2F 2% NPO 50VDC	VITRAMON	VJ1210A122GXAT(M)	67007400
C139	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C140	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C141	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C142	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C143	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C144	CAPACITOR TANTALUM	10uF 10% 25VDC	SIEMENS	B45196-B5106-K409	67700300
C145	CAPACITOR ELECTROLYTIC	470uF 20% 25VDC	PANASONIC	ECA 1E FQ 471 L B	14.792
C146	CAPASITOR TANTALUM 6032	2u2F 10% 35VDC	SPRAGUE	293D 225 X9 035 C2T	67700500
C147	CAPACITOR CERAM. SMD 1210	1n2F 2% NPO 50VDC	VITRAMON	VJ1210A122GXAT(M)	67007400
C148	CAPACITOR CERAM. SMD 1210	10nF 10% X7R 50VDC	VITRAMON	VJ1210Y103KXAT	67102200
C149	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348

PARTSLIST

POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
C150	CAPACITOR TANTALUM	10uF 10% 25VDC	SIEMENS	B45196-B5106-K409	67700300
C151	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C152	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C153	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C154	CAPACITOR CERAM. SMD 1210	10nF 10% X7R 50VDC	VITRAMON	VJ1210Y103KXAT	67102200
C155	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C156	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C157	CAPACITOR CERAM. SMD 1210	10nF 10% X7R 50VDC	VITRAMON	VJ1210Y103KXAT	67102200
C158	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C159	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C160	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C161	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C162	CAPACITOR CERAM. SMD 1210	1n2F 2% NPO 50VDC	VITRAMON	VJ1210A122GXAT(M)	67007400
C163	CAPACITOR CERAM. SMD 1210	10nF 10% X7R 50VDC	VITRAMON	VJ1210Y103KXAT	67102200
C164	CAPACITOR CERAM. SMD 1210	4n7F 2% NPO 50VDC	VITRAMON	VJ1210A472GXAT	67003000
C165	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C166	CAPACITOR CERAM. SMD 1210	10nF 10% X7R 50VDC	VITRAMON	VJ1210Y103KXAT	67102200
C167	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C168	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C169	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C170	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C171	CAPACITOR TANTALUM	1u5F 10% 25VDC	SPRAGUE	293D155X9025B2T	67700900
C172	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C173	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C174	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C175	CAPACITOR CERAM. SMD 1210	47nF 10% X7R 50VDC	VITRAMON	VJ1210Y473KXAT	67100900
C176	CAPACITOR CERAM. SMD 1210	47nF 10% X7R 50VDC	VITRAMON	VJ1210Y473KXAT	67100900
C177	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C178	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C179	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C180	CAPACITOR CERAM. SMD 1210	1n0F 2% NPO 50VDC	VITRAMON	VJ1210A102GXAT(M)	67003200
C181	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C182	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C183	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C184	CAPACITOR CERAM. SMD 0805	100pF 2% NPO 50VDC	VITRAMON	VJ0805A101GXAT(M)	67005500
C185	CAPACITOR TANTALUM	10uF 10% 25VDC	SIEMENS	B45196-B5106-K409	67700300
C186	CAPACITOR CERAM. SMD 1210	1n2F 2% NPO 50VDC	VITRAMON	VJ1210A122GXAT(M)	67007400
C187	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C188	CAPACITOR CERAM. SMD 1210	1n2F 2% NPO 50VDC	VITRAMON	VJ1210A122GXAT(M)	67007400
C189	CAPACITOR CERAM. SMD 1210	4n7F 2% NPO 50VDC	VITRAMON	VJ1210A472GXAT	67003000
C190	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C191	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C192	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C193	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C194	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C195	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C196	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C197	CAPACITOR CERAM. SMD 1210	1n0F 10% NPO 63VDC	VITRAMON	VJ1210A102KXAT	67008500
C198	CAPACITOR TANTALUM	1u5F 10% 25VDC	SPRAGUE	293D155X9025B2T	67700900
C199	CAPACITOR CERAM. SMD 1210	1n0F 10% NPO 63VDC	VITRAMON	VJ1210A102KXAT	67008500
C200	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C201	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C202	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C203	CAPACITOR CERAM. SMD 1210	47nF 10% X7R 50VDC	VITRAMON	VJ1210Y473KXAT	67100900
C204	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C205	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C206	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C207	CAPACITOR CERAM. SMD 0805	10pF 2% NPO 50VDC	AVX	CM 21 CG 100 G 50 A T	67004400
X1	SOCKET 2x10 POLES	RIGHTANGLE PCB VERSION	AMP	9-215460-0 / 2-215460-0	75602004
X3	SOCKET 2x10 POLES	RIGHTANGLE PCB VERSION	AMP	9-215460-0 / 2-215460-0	75602004
X5	SOCKET 2x10 POLES	RIGHTANGLE PCB VERSION	AMP	9-215460-0 / 2-215460-0	75602004
X9	COAXIAL CABLE 1.LO		ECI A/S	3-0-33267	533267
X11	COAXIAL CABLE 3.LO		ECI A/S	3-0-33269	533269
X12	COAXIAL CABLE RX		ECI A/S	3-0-33270	533270
J2	SIL SQUARE PINS	3 POLES CC=1/10"	AMP	0-826629-3 (0-826647-3)	78.323
J3	SIL SQUARE PINS	3 POLES CC=1/10"	AMP	0-826629-3 (0-826647-3)	78.323
J4	SIL SQUARE PINS	3 POLES CC=1/10"	AMP	0-826629-3 (0-826647-3)	78.323
L1	CHOKE FIXED SMD 1812	1000uH 10%	DALE	IMC-1812 1000uH 10% R13	74103700
L2	CHOKE FIXED SMD 1812	3u3H 10%	DALE	IMC-1812 3.3uH 10%	74101400
L3	CHOKE FIXED SMD 1812	3u9H 10%	PANASONIC	ELJ-FB3R9KF	74101900
L4	CHOKE FIXED SMD 1812	1000uH 10%	DALE	IMC-1812 1000uH 10% R13	74103700
L5	CHIKE FIXED SMD 1812	4u7H 10%	PANASONIC	ELJ-FB4R7KF	74102200
L6	CHOKE FIXED SMD 1812	3u3H 10%	DALE	IMC-1812 3.3uH 10%	74101400
L7	CHOKE FIXED 1812	1u2H 10%	PANASONIC	ELJ-FB1R2KF	74100200

PARTSLIST

POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
L8	CHOKE FIXED SMD 1812	1u8H 10%	PANASONIC	ELJ-FB1R8KF	74101700
L9	CHOKE FIXED 1812	1u2H 10%	PANASONIC	ELJ-FB1R2KF	74100200
L10	CHOKE FIXED SMD 1812	1000uH 10%	DALE	IMC-1812 1000uH 10% R13	74103700
L11	CHOKE FIXED 1206	680nH 10%	COILCRAFT	1206CS-681XKBC	74102000
L12	CHOKE FIXED SMD 1812	3u9H 10%	PANASONIC	ELJ-FB3R9KF	74101900
L13	CHOKE FIXED 1206	680nH 10%	COILCRAFT	1206CS-681XKBC	74102000
L14	CHOKE FIXED SMD 1812	1u0H 10%	PANASONIC	ELJ-FB1R0KF	74101500
L15	CHOKE FIXED 1206	390nH 10%	STETTNER GMBH	5503 00691	74102100
L16	COIL RF 220nH ADJUSTABLE		SUMIDA	S-7GD 0237-H961	38.413
L17	CHOKE FIXED 1206	390nH 10%	STETTNER GMBH	5503 00691	74102100
L18	CHOKE FIXED SMD 1812	1u0H 10%	PANASONIC	ELJ-FB1R0KF	74101500
L19	CHOKE FIXED SMD 1812	1000uH 10%	DALE	IMC-1812 1000uH 10% R13	74103700
L20	CHOKE FIXED 1206	270nH 10%	COILCRAFT	1206CS-271-XKB	74102400
L21	COIL RF 220nH ADJUSTABLE		SUMIDA	S-7GD 0237-H961	38.413
L22	CHOKE FIXED 1206	330nH 10%	STETTNER	5503 00687	74101800
L23	CHOKE FIXED 1206	390nH 10%	STETTNER GMBH	5503 00691	74102100
L24	CHOKE FIXED SMD 1812	180uH 10%	PANASONIC	ELJFB181KF	74102900
L25	CHOKE FIXED 1206	180nH 10%	STETTNER	5503 00419	74102700
L26	COIL RF 220nH ADJUSTABLE		SUMIDA	S-7GD 0237-H961	38.413
L27	CHOKE FIXED 1206	820nH 10%	COILCRAFT	1206CS-821-XKB	74102500
L28	CHOKE FIXED 1206	100nH 10%	COILCRAFT	1206CS-101-XKB	74103000
L29	CHOKE FIXED 1206	180nH 10%	STETTNER	5503 00419	74102700
L30	CHOKE FIXED SMD 1812	220uH 10%	PANASONIC	ELJ-FB221KF	74102800
L31	CHOKE FIXED 1206	150nH 10%	STETTNER	5503 00415	74103100
L32	CHOKE FIXED 1206	180nH 10%	STETTNER	5503 00419	74102700
L33	CHOKE FIXED SMD 1812	100uH 10%	PANASONIC	ELJ FB 101 K F	74101600
L34	CHOKE FIXED SMD 1812	100uH 10%	PANASONIC	ELJ FB 101 K F	74101600
L35	CHOKE FIXED SMD 1812	100uH 10%	PANASONIC	ELJ FB 101 K F	74101600
L36	CHOKE FIXED SMD 1812	100uH 10%	PANASONIC	ELJ FB 101 K F	74101600
L37	CHOKE FIXED SMD 1812	100uH 10%	PANASONIC	ELJ FB 101 K F	74101600
L38	CHOKE FIXED SMD 1812	470uH 10%	PANASONIC	ELJ FB 471 K F	74100700
L39	CHOKE FIXED SMD 1812	100uH 10%	PANASONIC	ELJ FB 101 K F	74101600
L40	CHOKE FIXED	220uH 10% /0.5ADC	SUMIDA	RCH-895 221K	20.383
L41	CHOKE FIXED SMD 1812	100uH 10%	PANASONIC	ELJ FB 101 K F	74101600
L42	CHOKE FIXED SMD 1812	100uH 10%	PANASONIC	ELJ FB 101 K F	74101600
R1	RESISTOR SMD 1206	56k OHM 5% 0.25W	ROHM	MCR18	57003600
R2	RESISTOR SMD 1206	470 OHM 5% 0.25W	ROHM	MCR18 EZH J 471	57001500
R3	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R4	RESISTOR SMD 1206	56k OHM 5% 0.25W	ROHM	MCR18	57003600
R5	RESISTOR SMD 1206	390 OHM 5% 0.25W	ROHM	MCR18	57006000
R6	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R7	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R8	RESISTOR SMD 1206	56k OHM 5% 0.25W	ROHM	MCR18	57003600
R9	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R10	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R11	RESISTOR SMD 1206	56k OHM 5% 0.25W	ROHM	MCR18	57003600
R12	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R15	RESISTOR SMD 1206	56k OHM 5% 0.25W	ROHM	MCR18	57003600
R17	RESISTOR SMD 1206	330 OHM 5% 0.25W	ROHM	MCR18	57007200
R18	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R20	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R21	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R24	RESISTOR SMD 1206	820 OHM 5% 0.25W	ROHM	MCR18 EZH J 821	57001700
R25	RESISTOR SMD 1206	390 OHM 5% 0.25W	ROHM	MCR18	57006000
R26	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R27	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R30	RESISTOR SMD 1206	560 OHM 5% 0.25W	ROHM	MCR18	57001600
R31	RESISTOR SMD 1206	560 OHM 5% 0.25W	ROHM	MCR18	57001600
R32	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R33	RESISTOR SMD 1206	27 OHM 5% 0.25W	ROHM	MCR18 EZH J 270	57000400
R34	RESISTOR SMD 1206	820 OHM 5% 0.25W	ROHM	MCR18 EZH J 821	57001700
R35	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R36	RESISTOR SMD 1206	10 OHM 5% 0.25W	ROHM	MCR18	57004800
R37	RESISTOR SMD 1206	10 OHM 5% 0.25W	ROHM	MCR18	57004800
R38	RESISTOR SMD 1206	27k OHM 5% 0.25W	ROHM	MCR18	57003200
R39	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R40	RESISTOR SMD 1206	10 OHM 5% 0.25W	ROHM	MCR18	57004800
R41	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R42	RESISTOR SMD 1206	27 OHM 5% 0.25W	ROHM	MCR18 EZH J 270	57000400
R43	RESISTOR SMD 1206	1k5 OHM 5% 0.25W	DRALORIC	CR 1206 L 152 J G4	303.050
R44	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R45	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R46	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R47	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100

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POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
R48	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R50	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R51	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R52	RESISTOR SMD 1206	8k2 OHM 5% 0.25W	ROHM	MCR18 EZH J 822	57002700
R53	RESISTOR SMD 1206	5k6 OHM 5% 0.25W	ROHM	MCR18 EZH J 562	57002500
R54	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R55	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
R56	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
R57	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R58	RESISTOR SMD 1206	15k OHM 5% 0.25W	ROHM	MCR18	57004600
R59	RESISTOR SMD 1206	10 OHM 5% 0.25W	ROHM	MCR18	57004800
R60	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R61	RESISTOR SMD 1206	330 OHM 5% 0.25W	ROHM	MCR18	57007200
R62	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
R63	RESISTOR SMD 1206	27 OHM 5% 0.25W	ROHM	MCR18 EZH J 270	57000400
R64	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R65	RESISTOR SMD 1206	2k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 272	57002100
R66	RESISTOR SMD 1206	2k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 272	57002100
R67	RESISTOR SMD 1206	5k6 OHM 5% 0.25W	ROHM	MCR18 EZH J 562	57002500
R68	RESISTOR SMD 1206	33k OHM 5% 0.25W	ROHM	MCR18	57003300
R69	RESISTOR SMD 1206	12k OHM 5% 0.25W	ROHM	MCR18	57002900
R70	RESISTOR SMD 1206	1k5 OHM 5% 0.25W	DRALORIC	CR 1206 L 152 J G4	303.050
R71	RESISTOR SMD 1206	27 OHM 5% 0.25W	ROHM	MCR18 EZH J 270	57000400
R72	RESISTOR SMD 1206	2k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 272	57002100
R73	RESISTOR SMD 1206	33k OHM 5% 0.25W	ROHM	MCR18	57003300
R74	RESISTOR SMD 1206	5k6 OHM 5% 0.25W	ROHM	MCR18 EZH J 562	57002500
R75	RESISTOR SMD 1206	12k OHM 5% 0.25W	ROHM	MCR18	57002900
R76	RESISTOR SMD 1206	1k5 OHM 5% 0.25W	DRALORIC	CR 1206 L 152 J G4	303.050
R77	RESISTOR SMD 1206	27 OHM 5% 0.25W	ROHM	MCR18 EZH J 270	57000400
R78	RESISTOR SMD 1206	2k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 272	57002100
R79	RESISTOR SMD 1206	33k OHM 5% 0.25W	ROHM	MCR18	57003300
R80	RESISTOR SMD 1206	5k6 OHM 5% 0.25W	ROHM	MCR18 EZH J 562	57002500
R81	RESISTOR SMD 1206	12k OHM 5% 0.25W	ROHM	MCR18	57002900
R82	RESISTOR SMD 1206	1k5 OHM 5% 0.25W	DRALORIC	CR 1206 L 152 J G4	303.050
R83	RESISTOR SMD 1206	18k7 OHM 1% 0.25W	ROHM	MCR18	57108700
R84	RESISTOR SMD 1206	5k6 OHM 5% 0.25W	ROHM	MCR18 EZH J 562	57002500
R85	RESISTOR SMD 1206	27 OHM 5% 0.25W	ROHM	MCR18 EZH J 270	57000400
R86	RESISTOR SMD 1206	16k9 OHM 1% 0.25W	ROHM	MCR18	57106100
R87	RESISTOR SMD 1206	2k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 272	57002100
R88	RESISTOR SMD 1206	33k OHM 5% 0.25W	ROHM	MCR18	57003300
R89	RESISTOR SMD 1206	1k8 OHM 5% 0.25W	ROHM	MCR18	57006100
R90	RESISTOR SMD 1206	21k5 OHM 1% 0.25W	ROHM	MCR18	57107100
R91	RESISTOR SMD 1206	8k66 OHM 1% 0.25W	ROHM	MCR18	57104000
R92	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R93	RESISTOR SMD 1206	27 OHM 5% 0.25W	ROHM	MCR18 EZH J 270	57000400
R94	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R95	RESISTOR SMD 1206	16k9 OHM 1% 0.25W	ROHM	MCR18	57106100
R96	RESISTOR SMD 1206	330 OHM 5% 0.25W	ROHM	MCR18	57007200
R97	RESISTOR SMD 1206	12k OHM 5% 0.25W	ROHM	MCR18	57002900
R98	RESISTOR SMD 1206	8k2 OHM 5% 0.25W	ROHM	MCR18 EZH J 822	57002700
R99	RESISTOR SMD 1206	27 OHM 5% 0.25W	ROHM	MCR18 EZH J 270	57000400
R100	RESISTOR SMD 1206	220k OHM 5% 0.25W	ROHM	MCR18	57004300
R101	RESISTOR SMD 1206	27 OHM 5% 0.25W	ROHM	MCR18 EZH J 270	57000400
R102	RESISTOR SMD 1206	1k5 OHM 5% 0.25W	DRALORIC	CR 1206 L 152 J G4	303.050
R103	RESISTOR SMD 1206	22k OHM 5% 0.25W	ROHM	MCR18	57003100
R104	RESISTOR SMD 1206	1k8 OHM 5% 0.25W	ROHM	MCR18	57006100
R105	RESISTOR SMD 1206	27 OHM 5% 0.25W	ROHM	MCR18 EZH J 270	57000400
R106	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R107	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R108	RESISTOR SMD 1206	1k8 OHM 5% 0.25W	ROHM	MCR18	57006100
R109	RESISTOR SMD 1206	270k OHM 5% 0.25W	ROHM	MCR18	57007500
R110	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R111	RESISTOR SMD 1206	3k3 OHM 5% 0.25W	ROHM	MCR18	57002200
R112	RESISTOR SMD 1206	2k2 OHM 5% 0.25W	ROHM	MCR18	57002000
R113	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R114	RESISTOR SMD 1206	680 OHM 5% 0.25W	ROHM	MCR18	57007300
R115	RESISTOR SMD 1206	120 OHM 5% 0.25W	ROHM	MCR 18 JZO J 121	303.037
R116	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R117	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R118	RESISTOR SMD 1206	27 OHM 5% 0.25W	ROHM	MCR18 EZH J 270	57000400
R119	RESISTOR SMD 1206	22k OHM 5% 0.25W	ROHM	MCR18	57003100
R120	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R121	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R122	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000

PARTSLIST

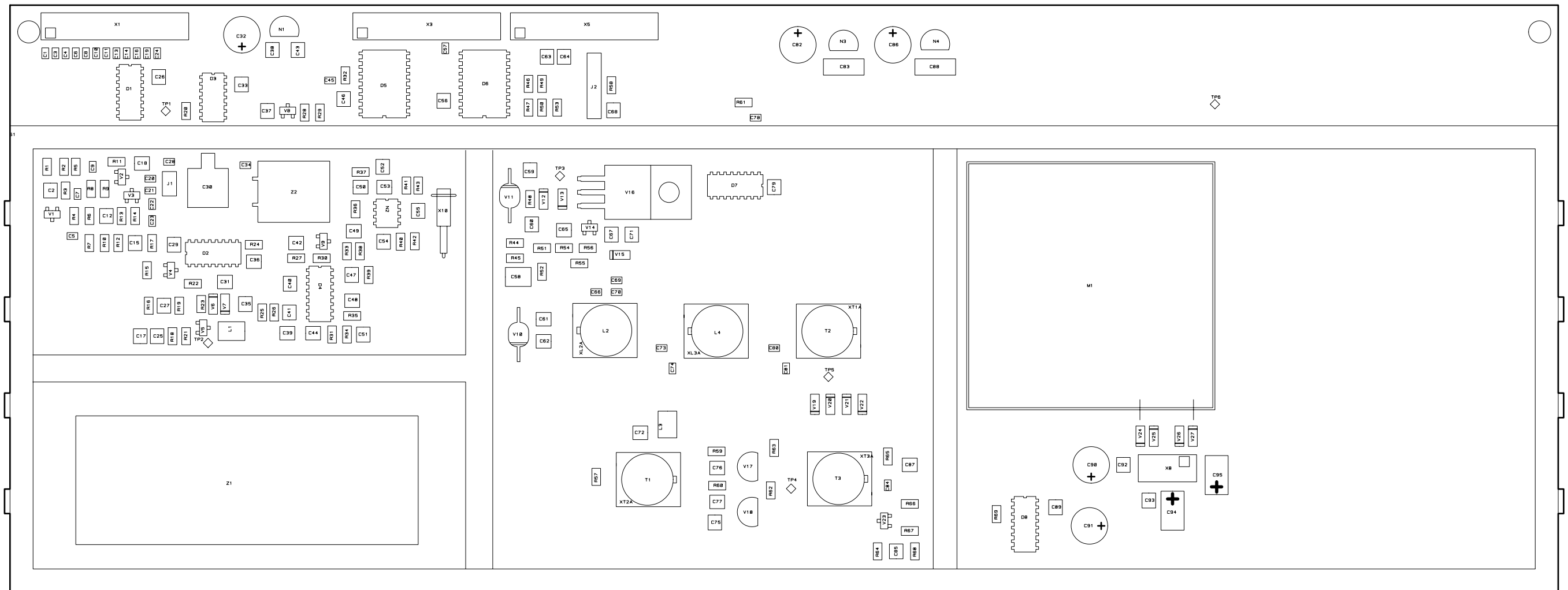
POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
R123	RESISTOR SMD 1206	1k8 OHM 5% 0.25W	ROHM	MCR18	57006100
R124	RESISTOR SMD 1206	2k2 OHM 5% 0.25W	ROHM	MCR18	57002000
R125	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R126	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R127	RESISTOR SMD 1206	3k9 OHM 5% 0.25W	ROHM	MCR18	57002300
R128	RESISTOR SMD 1206	8k2 OHM 5% 0.25W	ROHM	MCR18 EZH J 822	57002700
R129	RESISTOR SMD 1206	8k2 OHM 5% 0.25W	ROHM	MCR18 EZH J 822	57002700
R130	RESISTOR SMD 1206	15k OHM 5% 0.25W	ROHM	MCR18	57004600
R131	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R132	RESISTOR SMD 1206	27 OHM 5% 0.25W	ROHM	MCR18 EZH J 270	57000400
R133	PRESET SEALED	5k0 OHM 20% 1/4W	BOURNS	3374X-1-502-X	57300800
R134	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R135	RESISTOR SMD 1206	27 OHM 5% 0.25W	ROHM	MCR18 EZH J 270	57000400
R136	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R137	RESISTOR SMD 1206	470 OHM 5% 0.25W	ROHM	MCR18 EZH J 471	57001500
R138	RESISTOR SMD 1206	1M0 OHM 5% 0.25W	ROHM	MCR18	57005600
R139	RESISTOR SMD 1206	27 OHM 5% 0.25W	ROHM	MCR18 EZH J 270	57000400
R140	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R141	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R142	RESISTOR SMD 1206	27 OHM 5% 0.25W	ROHM	MCR18 EZH J 270	57000400
R143	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R144	RESISTOR SMD 1206	560 OHM 5% 0.25W	ROHM	MCR18	57001600
R145	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R146	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R147	RESISTOR SMD 1206	22k OHM 5% 0.25W	ROHM	MCR18	57003100
R148	RESISTOR SMD 1206	27k OHM 5% 0.25W	ROHM	MCR18	57003200
R149	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R150	RESISTOR SMD 1206	2k2 OHM 5% 0.25W	ROHM	MCR18	57002000
R151	RESISTOR SMD 1206	1k5 OHM 5% 0.25W	DRALORIC	CR 1206 L 152 J G4	303.050
R152	RESISTOR SMD 1206	10 OHM 5% 0.25W	ROHM	MCR18	57004800
R153	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R154	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R155	RESISTOR SMD 1206	27 OHM 5% 0.25W	ROHM	MCR18 EZH J 270	57000400
R156	RESISTOR SMD 1206	2k2 OHM 5% 0.25W	ROHM	MCR18	57002000
R157	RESISTOR SMD 1206	27 OHM 5% 0.25W	ROHM	MCR18 EZH J 270	57000400
R158	RESISTOR SMD 1206	680 OHM 5% 0.25W	ROHM	MCR18	57007300
R159	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R160	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R161	RESISTOR SMD 1206	2k2 OHM 5% 0.25W	ROHM	MCR18	57002000
R162	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R163	RESISTOR SMD 1206	3k3 OHM 5% 0.25W	ROHM	MCR18	57002200
R164	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R165	RESISTOR SMD 1206	6k8 OHM 5% 0.25W	ROHM	MCR18 EZH J 682	57002600
R166	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R167	RESISTOR SMD 1206	3k3 OHM 5% 0.25W	ROHM	MCR18	57002200
R168	RESISTOR SMD 1206	680 OHM 5% 0.25W	ROHM	MCR18	57007300
R169	RESISTOR SMD 1206	820 OHM 5% 0.25W	ROHM	MCR18 EZH J 821	57001700
R170	RESISTOR SMD 1206	27 OHM 5% 0.25W	ROHM	MCR18 EZH J 270	57000400
R171	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R172	RESISTOR SMD 1206	180 OHM 5% 0.25W	ROHM	MCR18	57005400
R173	RESISTOR SMD 1206	180 OHM 5% 0.25W	ROHM	MCR18	57005400
R174	RESISTOR SMD 1206	820 OHM 5% 0.25W	ROHM	MCR18 EZH J 821	57001700
R175	RESISTOR SMD 1206	15k OHM 5% 0.25W	ROHM	MCR18	57004600
R176	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R177	RESISTOR SMD 1206	6k8 OHM 5% 0.25W	ROHM	MCR18 EZH J 682	57002600
R178	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R179	RESISTOR SMD 1206	2k2 OHM 5% 0.25W	ROHM	MCR18	57002000
R180	RESISTOR SMD 1206	39 OHM 5% 0.25W	ROHM 35	MCR18	57007100
R181	RESISTOR SMD 1206	10 OHM 5% 0.25W	ROHM	MCR18	57004800
R182	RESISTOR SMD 1206	1k2 OHM 5% 0.25W	ROHM	MCR 18 EZH J 122	303.049
R183	RESISTOR SMD 1206	27 OHM 5% 0.25W	ROHM	MCR18 EZH J 270	57000400
R184	RESISTOR SMD 1206	6k8 OHM 5% 0.25W	ROHM	MCR18 EZH J 682	57002600
R185	RESISTOR SMD 1206	6k8 OHM 5% 0.25W	ROHM	MCR18 EZH J 682	57002600
R186	RESISTOR SMD 1206	12k OHM 5% 0.25W	ROHM	MCR18	57002900
R187	RESISTOR SMD 1206	15k OHM 5% 0.25W	ROHM	MCR18	57004600
R188	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R189	RESISTOR SMD 1206	220k OHM 5% 0.25W	ROHM	MCR18	57004300
R190	RESISTOR SMD 1206	220k OHM 5% 0.25W	ROHM	MCR18	57004300
R191	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R192	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R194	RESISTOR SMD 1206	56k OHM 5% 0.25W	ROHM	MCR18	57003600
R195	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R196	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R197	RESISTOR SMD 1206	220k OHM 5% 0.25W	ROHM	MCR18	57004300

PARTSLIST

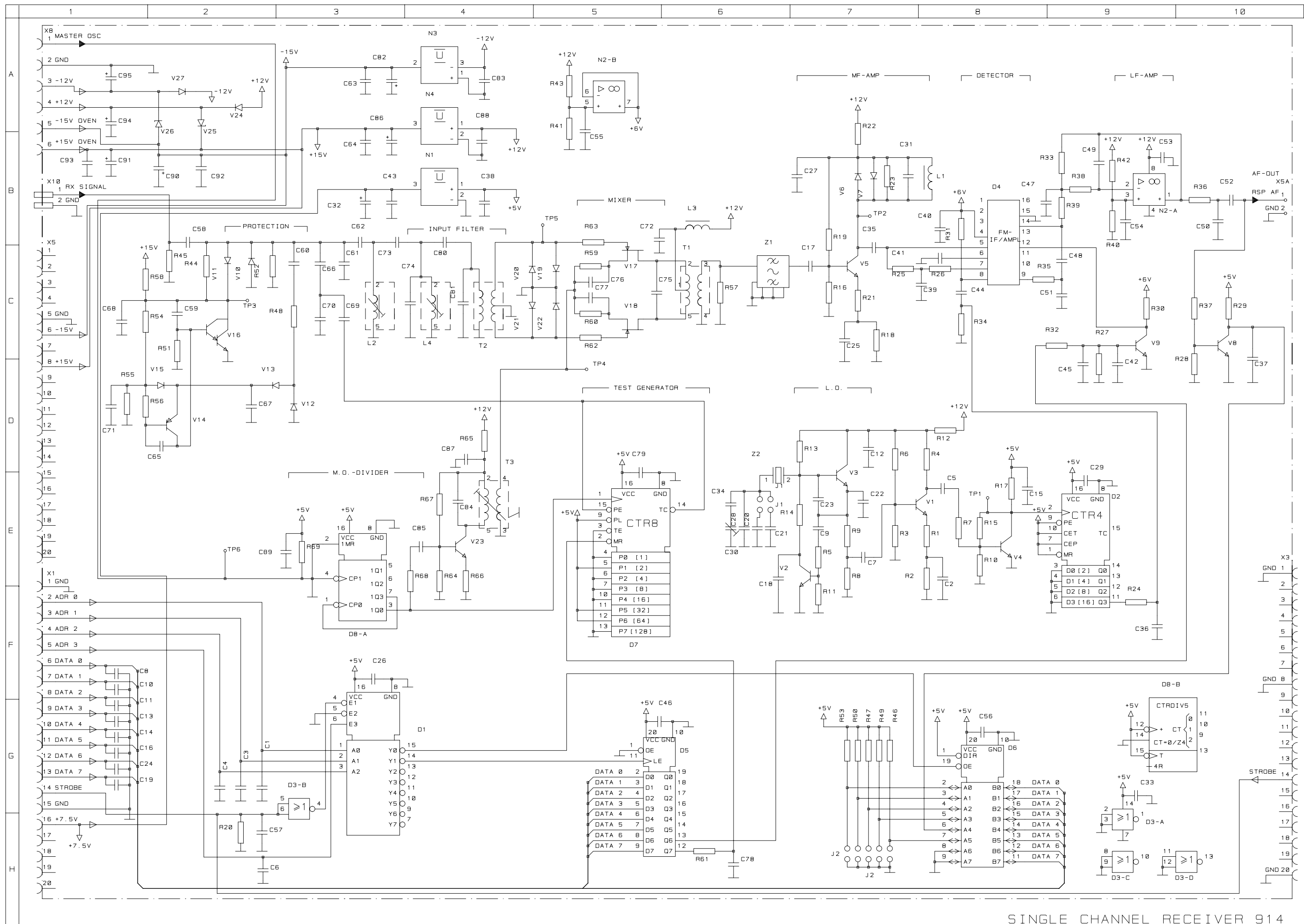
POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
R198	RESISTOR SMD 1206	56k OHM 5% 0.25W	ROHM	MCR18	57003600
R199	RESISTOR SMD 1206	56k OHM 5% 0.25W	ROHM	MCR18	57003600
R200	RESISTOR SMD 1206	33k OHM 5% 0.25W	ROHM	MCR18	57003300
R201	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R202	RESISTOR SMD 1206	470k OHM 5% 0.25W	ROHM	MCR18	57004500
R203	RESISTOR SMD 1206	470k OHM 5% 0.25W	ROHM	MCR18	57004500
R204	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R205	RESISTOR SMD 1206	22k OHM 5% 0.25W	ROHM	MCR18	57003100
R206	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R207	RESISTOR SMD 1206	18k OHM 5% 0.25W	ROHM	MCR18	57003000
R208	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
R209	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
R210	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
R211	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
R212	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
R213	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
R214	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
V1	PIN DIODE	BA679	TELEFUNKEN	BA679 GS08 (GS18)	83710300
V2	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V3	DIODE RECTIFIER 400V/1A	BYW34, 1N4936,	MOTOROLA	1N4936RL	83001141
V4	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V5	DIODE RECTIFIER 400V/1A	BYW34, 1N4936,	MOTOROLA	1N4936RL	83001141
V6	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V7	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V11	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V13	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V14	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V15	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V16	PIN DIODE	BA679	TELEFUNKEN	BA679 GS08 (GS18)	83710300
V18	TRANSISTOR RF NPN	BFR92A	PHILIPS	BFR92A	345.530
V19	TRANSISTOR N-CH.JFET	2 PCS J310 SORTED	ECI A/S	00965074	84003102
V20	TRANSISTOR N-CH.JFET	2 PCS J310 SORTED	ECI A/S	00965074	84003102
V21	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V26	DIODE ZENER	5.1V 2% 0.5W SOD-80	TFK	TZM/B5V1	340.417
V27	TRANS. DUAL GATE MOS-FET	N-CHANNEL, BF991	PHILIPS	BF991 215	84760000
V28	TRANSISTOR N-CH.J-FET SO	SST310,MMBFJ310	NATIONAL	MM BFJ 310	84760200
V29	PIN DIODE	BA679	TELEFUNKEN	BA679 GS08 (GS18)	83710300
V30	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V31	TRANSISTOR RF SMALL SIGNA	BFS20	PHILIPS	BFS20-215	84770400
V32	DIODE ZENER 5.6V 2%		PHILIPS	BZV55B5V6 115	83731900
V33	PIN DIODE	BA679	TELEFUNKEN	BA679 GS08 (GS18)	83710300
V34	TRANSISTOR RF SMALL SIGNA	BFS20	PHILIPS	BFS20-215	84770400
V35	DIODE ZENER	3V3 2% 0.5W SOD-80	AEG	T2M/B 3V3	83732600
V36	PIN DIODE	BA679	TELEFUNKEN	BA679 GS08 (GS18)	83710300
V37	TRANSISTOR RF SMALL SIGNA	BFS20	PHILIPS	BFS20-215	84770400
V38	DIODE ZENER	7V5 2% 0.5W SOD-80	TFK	TZM/B 7V5	83732700
V39	PIN DIODE	BA679	TELEFUNKEN	BA679 GS08 (GS18)	83710300
V40	TRANSISTOR RF SMALL SIGNA	BFS20	PHILIPS	BFS20-215	84770400
V41	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V42	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V43	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V44	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V45	TRANSISTOR RF SMALL SIGNA	BFS20	PHILIPS	BFS20-215	84770400
V46	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V47	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V48	DIODE ZENER	6V8 V 5% 0.5W SOD-80	PHILIPS	BZV55 C6V8	83731100
V49	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V50	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V51	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V52	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V53	TRANSISTOR RF SMALL SIGNA	BFS20	PHILIPS	BFS20-215	84770400
V54	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V55	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V56	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V57	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V58	DIODE ZENER	3V6 V 5% 0.5W SOD-80	PHILIPS	BZV55 C3V6	83731200
V59	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V60	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V61	TRANSISTOR LF	BCP55-16 NPN SMD	SIEMENS	BCP55-16	345.355
V62	TRANSISTOR RF SMALL SIGNA	BFS20	PHILIPS	BFS20-215	84770400
V63	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V64	TRANSISTOR RF SMALL SIGNA	BFS20	PHILIPS	BFS20-215	84770400
V65	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V66	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000

PARTSLIST

POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
V67	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V68	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V69	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V70	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V71	DIODE RECTIFIER 400V/1A	BYW34, 1N4936,	MOTOROLA	1N4936RL	83001141
V72	DIODE RECTIFIER 400V/1A	BYW34, 1N4936,	MOTOROLA	1N4936RL	83001141
T1	TRANSFORMER RF 1:3:8		K&j ELEKTRONIK	6-0-34248C	371.002
U1	DIODE MIXER +7dBm	HPF505, SRA-1	MINI CIRCUIT	HPF 505	85000011
U2	DIODE MIXER +7dBm	HPF505, SRA-1	MINI CIRCUIT	HPF 505	85000011
D1	POW.DARLINGTON DRIVER x 7	ULN2003A/MC1413	TEXAS	ULN2003AD R	85990500
D2	OCTAL D-FF POS. EDGE TRIG	74HC574	TEXAS	SN74HC574DWR	85980400
D3	OCTAL BUS TRANSCEIVER	74HC245	TEXAS	SN74HC245DW R	85981500
D4	3 TO 8 LINE DECODER	74HC138	TEXAS	SN74HC138D R	355.235
D5	QUAD 2-INPUT NOR GATE	HCMOS 74HC02	MOTOROLA	MC74HC02DR2	350.202
D6	QUAD EXCLUSIVE-OR GATE	MC14070B, 4030B	MOTOROLA	MC14070BCDR2	85911500
N1	VOLTAGE REGULATOR FIXED	5V/0.1A 78L05A	MOTOROLA	MC78L05ACD R2	350.100
N2	DUAL LOW POW. OP AMP	LM358	MOTOROLA	LM358D R2 (LM358AD R2)	350.525
N3	SINGLE J-FET INPUT OP AMP	LF351, TL071	MOTOROLA	LF351DR2 (R1)	85810700
N4	DUAL LOW POW. OP AMP	LM358	MOTOROLA	LM358D R2 (LM358AD R2)	350.525
N5	DUAL OPAMP GEN. PURPOSE	SO08 1458	NATIONAL	LM1458MX	85810500
N6	QUAD BILATERAL SWITCH	CD4066BC	MOTOROLA	MC14066BD R2(R1)	355.066
N7	VOLTAGE COMPARATOR SO08	LM311	TEXAS	LM311DR	85810800
N8	POS. VOLTAGE REG. 12V/1A	MC7812-LM340T-12	MOTOROLA	MC7812CT (MC7812BT)	31.260
N9	VOLTAGE REGULATOR	-12V/0.1A 79L12A	MOTOROLA	MC79L12ACD R1 (R3)	350.113
N10	DUAL OPAMP GEN. PURPOSE	SO08 1458	NATIONAL	LM1458MX	85810500
Z1	CRYSTAL FILTER	Fc=45MHz BW=7kHz, 45NE7B	NDK	45 NE 7B	38377021
Z2	CRYSTAL FILTER TELEX-I	Fc=455kHz, YF-455HM	HY-Q	YF-455HM	38377093



SINGLE CHANNEL RECEIVER 914
5-6-30308 D
VIEWED FROM TOP SIDE



SINGLE CHANNEL RECEIVER 914
MAIN 4-0-30308 B

PARTS LIST

SINGLE CHANNEL RECEIVER		914S	ECI A/S	10789141 / Ver.: 01	63030801
POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
VARIOUS	SINGLE CHANNEL RECEIVER	914	ECI A/S	COMP. D / DIA B	10789141

PARTS LIST

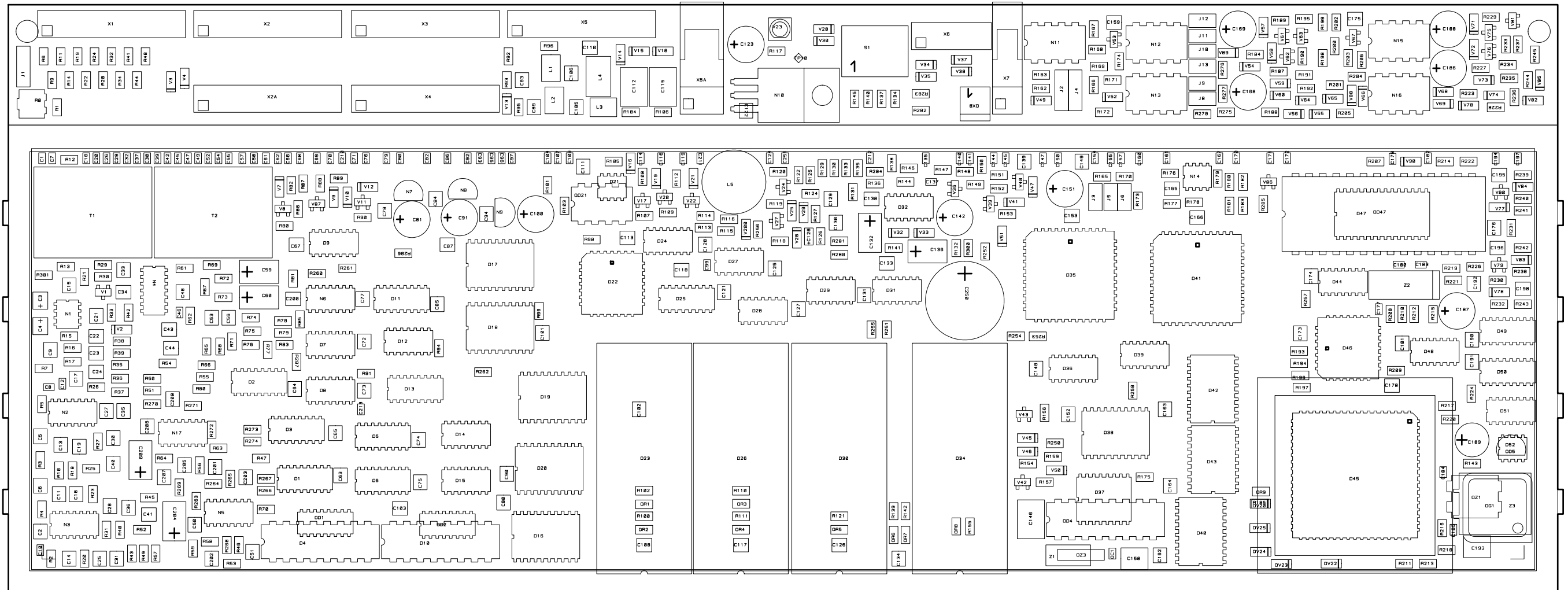
SINGLE CHANNEL RECEIVER 914			ECI A/S	COMP. D / DIA B	10789141
POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
C1	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C2	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C3	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C4	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C5	CAPACITOR CERAM. SMD 0805	100pF 2% NPO 50VDC	VITRAMON	VJ0805A101GXAT(M)	67005500
C6	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C7	CAPACITOR CERAM. SMD 0805	100pF 2% NPO 50VDC	VITRAMON	VJ0805A101GXAT(M)	67005500
C8	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C9	CAPACITOR CERAM. SMD 0805	100pF 2% NPO 50VDC	VITRAMON	VJ0805A101GXAT(M)	67005500
C10	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C11	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C12	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C13	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C14	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C15	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C16	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C17	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C18	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C19	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C20	CAPACITOR CERAM. SMD 0805	12pF 2% NPO 50VDC	VITRAMON	VJ0805A120GXAT	67006000
C21	CAPACITOR CERAM. SMD 0805	6p8F 2% NPO 50VDC	VITRAMON		67007900
C22	CAPACITOR CERAM. SMD 0805	150pF 2% NPO 50VDC	AVX	CM 21 CG 151 G 50 A T	67004900
C23	CAPACITOR CERAM. SMD 0805	330pF 2% NPO 50VDC	VITRAMON	VJ0805A331GFAT	67006800
C24	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C25	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C26	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C27	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C28	CAPACITOR CERAM. SMD 0805	27pF 2% NPO 50VDC	AVX	CM 21 CG 270 G 50 A T	67005900
C29	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C30	CAPACITOR ADJUSTABLE	2-18pF	PHILIPS	2222 808 51229	68411800
C31	CAPACITOR CERAM. SMD 1210	5n6 2% NPO 50VDC	VITRAMON	VJ1210A562GXAT	67007300
C32	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C33	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C34	CAPACITOR CERAM. SMD 0805	18pF 2% NPO 50VDC	VITRAMON	VJ0805A180GXAT(M)	67004000
C35	CAPACITOR CERAM. SMD 1210	10nF 10% X7R 50VDC	VITRAMON	VJ1210Y103KXAT	67102200
C36	CAPACITOR CERAM. SMD 1210	1n0F 10% NPO 63VDC	VITRAMON	VJ1210A102KXAT	67008500
C37	CAPACITOR CERAM. SMD 1210	47nF 10% X7R 50VDC	VITRAMON	VJ1210Y473KXAT	67100900
C38	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C39	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C40	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C41	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C42	CAPACITOR CERAM. SMD 1210	1n0F 10% NPO 63VDC	VITRAMON	VJ1210A102KXAT	67008500
C43	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C44	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C45	CAPACITOR CERAM. SMD 0805	220pF 10% NPO 63VDC	VITRAMON	VJ0805A221KXAT	67008400
C46	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C47	CAPACITOR CERAM. SMD 1210	22nF 10% X7R 50VDC	VITRAMON	VJ1210Y223KXAT	67102100
C48	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C49	CAPACITOR CERAM. SMD 1210	2n7F 2% NPO 63VDC	VITRAMON		67008700
C50	CAPACITOR CERAM. SMD 1210	1n0F 10% NPO 63VDC	VITRAMON	VJ1210A102KXAT	67008500
C51	CAPACITOR CERAM. SMD 1210	8n2F 2% NPO 50VDC	VITRAMON	VJ1210A822GXAT(M)	67007100
C52	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C53	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C54	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C55	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C56	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C57	CAPACITOR CERAM. SMD 0805	470pF 10% NPO 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C58	CAPACITOR CERAM. SMD 1812	470nF 10% X7R 50VDC	VITRAMON	VJ1812Y474KXAT	67101800
C59	CAPACITOR CERAM. SMD 1210	4n7F 10% NPO 63VDC	VITRAMON	VJ1210A472KXAT	67008600
C60	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C61	CAPACITOR CERAM. SMD 1210	4n7F 2% NPO 50VDC	VITRAMON	VJ1210A472GXAT	67003000
C62	CAPACITOR CERAM. SMD 1210	1n0F 2% NPO 50VDC	VITRAMON	VJ1210A102GXAT(M)	67003200
C63	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C64	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C65	CAPACITOR CERAM. SMD 1210	4n7F 10% NPO 63VDC	VITRAMON	VJ1210A472KXAT	67008600
C66	CAPACITOR CERAM. SMD 0805	10pF 2% NPO 50VDC	AVX	CM 21 CG 100 G 50 A T	67004400
C67	CAPACITOR CERAM. SMD 1210	22nF 10% X7R 50VDC	VITRAMON	VJ1210Y223KXAT	67102100
C68	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100

PARTSLIST

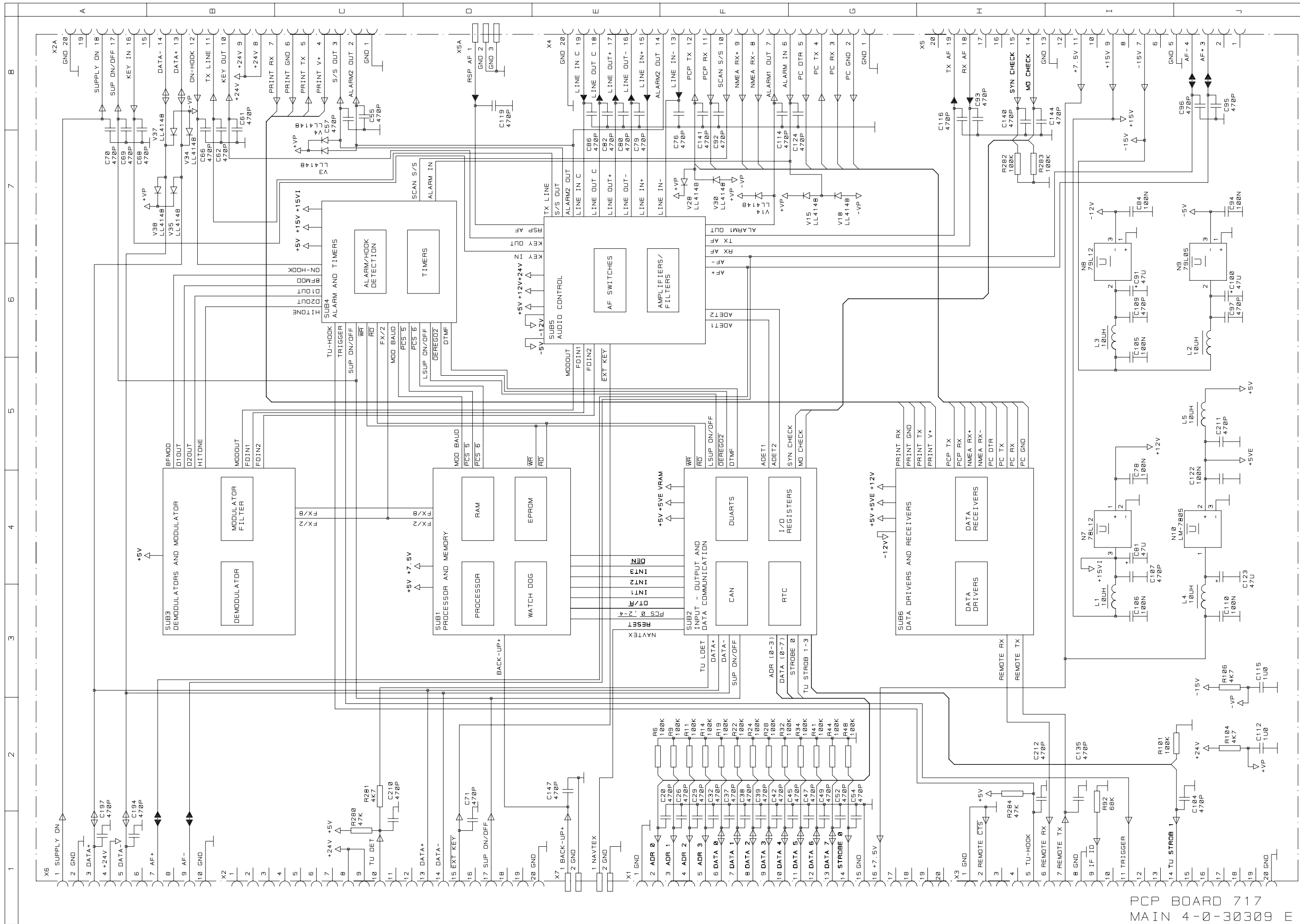
POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
C69	CAPACITOR CERAM. SMD 0805	10pF 2% NPO 50VDC	AVX	CM 21 CG 100 G 50 A T	67004400
C70	CAPACITOR CERAM. SMD 0805	270pF 2% NPO 50VDC	AVX	CM 21 CG 271 G 50 A T	67003500
C71	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C72	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C73	CAPACITOR CERAM. SMD 0805	27pF 2% NPO 50VDC	AVX	CM 21 CG 270 G 50 A T	67005900
C74	CAPACITOR CERAM. SMD 0805	820pF 2% NPO 50VDC	VITRAMON	VJ0805A821GXAT	67006900
C75	CAPACITOR CERAM. SMD 1210	2n2F 2% NPO 50VDC	VITRAMON	VJ1210A222GXAT	67004200
C76	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C77	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C78	CAPACITOR CERAM. SMD 0805	220pF 10% NPO 63VDC	VITRAMON	VJ0805A221KXAT	67008400
C79	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C80	CAPACITOR CERAM. SMD 0805	22pF 2% NPO 50VDC	VITRAMON	VJ0805A220GXAT	67002900
C81	CAPACITOR CERAM. SMD 0805	820pF 2% NPO 50VDC	VITRAMON	VJ0805A821GXAT	67006900
C82	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C83	CAPACITOR MKT	220nF 10% 63VDC	ERO	1817422065G	62252201
C84	CAPACITOR CERAM. SMD 0805	390pF 2% NPO 50VDC	AVX	CM 21 CG 391 G 50 A T	67003400
C85	CAPACITOR CERAM. SMD 1210	10nF 10% X7R 50VDC	VITRAMON	VJ1210Y103KXAT	67102200
C86	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C87	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C88	CAPACITOR MKT	220nF 10% 63VDC	ERO	1817422065G	62252201
C89	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C90	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C91	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C92	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C93	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C94	CAPACITOR TANTALUM	10uF 10% 25VDC	SIEMENS	B45196-B5106-K409	67700300
C95	CAPACITOR TANTALUM	10uF 10% 25VDC	SIEMENS	B45196-B5106-K409	67700300
X1	SOCKET 2x10 POLES	RIGHTANGLE PCB VERSION	AMP	9-215460-0 / 2-215460-0	75602004
X3	SOCKET 2x10 POLES	RIGHTANGLE PCB VERSION	AMP	9-215460-0 / 2-215460-0	75602004
X5	SOCKET 2x10 POLES	RIGHTANGLE PCB VERSION	AMP	9-215460-0 / 2-215460-0	75602004
X8	SOCKET PCB VERSION	2x3 POLES u-MATCH	AMP	0-215079-6	78.192
X10	COAXIAL CABLE RX		ECI A/S	3-0-33270	533270
L1	CHOKE FIXED SMD 1812	22uH 10%	MURATA	LQH4N220K-S TAPE & REEL	74100500
L2				105 400 41	10540041
L3	CHOKE FIXED SMD 1812	100uH 10%	PANASONIC	ELJ FB 101 K F	74101600
L4				105 400 41	10540041
R1	RESISTOR SMD 1206	150R OHM 5% 0.25W	ROHM	MCR18 EZH J 151	57001200
R2	RESISTOR SMD 1206	330 OHM 5% 0.25W	ROHM	MCR18	57007200
R3	RESISTOR SMD 1206	68k OHM 5% 0.25W	ROHM	MCR18	57003700
R4	RESISTOR SMD 1206	2k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 272	57002100
R5	RESISTOR SMD 1206	1k8 OHM 5% 0.25W	ROHM	MCR18	57006100
R6	RESISTOR SMD 1206	180k OHM 5% 0.25W	ROHM	MCR18	57004000
R7	RESISTOR SMD 1206	5k6 OHM 5% 0.25W	ROHM	MCR18 EZH J 562	57002500
R8	RESISTOR SMD 1206	2k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 272	57002100
R9	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R10	RESISTOR SMD 1206	3k3 OHM 5% 0.25W	ROHM	MCR18	57002200
R11	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R12	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R13	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R14	RESISTOR SMD 1206	18k OHM 5% 0.25W	ROHM	MCR18	57003000
R15	RESISTOR SMD 1206	8k2 OHM 5% 0.25W	ROHM	MCR18 EZH J 822	57002700
R16	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R17	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R18	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R19	RESISTOR SMD 1206	15k OHM 5% 0.25W	ROHM	MCR18	57004600
R20	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R21	RESISTOR SMD 1206	39 OHM 5% 0.25W	ROHM 35	MCR18	57007100
R22	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R23	RESISTOR SMD 1206	390 OHM 5% 0.25W	ROHM	MCR18	57006000
R24	RESISTOR SMD 1206	39k OHM 5% 0.25W	ROHM	MCR18	57003400
R25	RESISTOR SMD 1206	22k OHM 5% 0.25W	ROHM	MCR18	57003100
R26	RESISTOR SMD 1206	27k OHM 5% 0.25W	ROHM	MCR18	57003200
R27	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R28	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R29	RESISTOR SMD 1206	470k OHM 5% 0.25W	ROHM	MCR18	57004500
R30	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R31	RESISTOR SMD 1206	56k OHM 5% 0.25W	ROHM	MCR18	57003600
R32	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R33	RESISTOR SMD 1206	18k OHM 5% 0.25W	ROHM	MCR18	57003000
R34	RESISTOR SMD 1206	8k2 OHM 5% 0.25W	ROHM	MCR18 EZH J 822	57002700
R35	RESISTOR SMD 1206	5k6 OHM 5% 0.25W	ROHM	MCR18 EZH J 562	57002500
R36	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R37	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R38	RESISTOR SMD 1206	5k6 OHM 5% 0.25W	ROHM	MCR18 EZH J 562	57002500

PARTSLIST

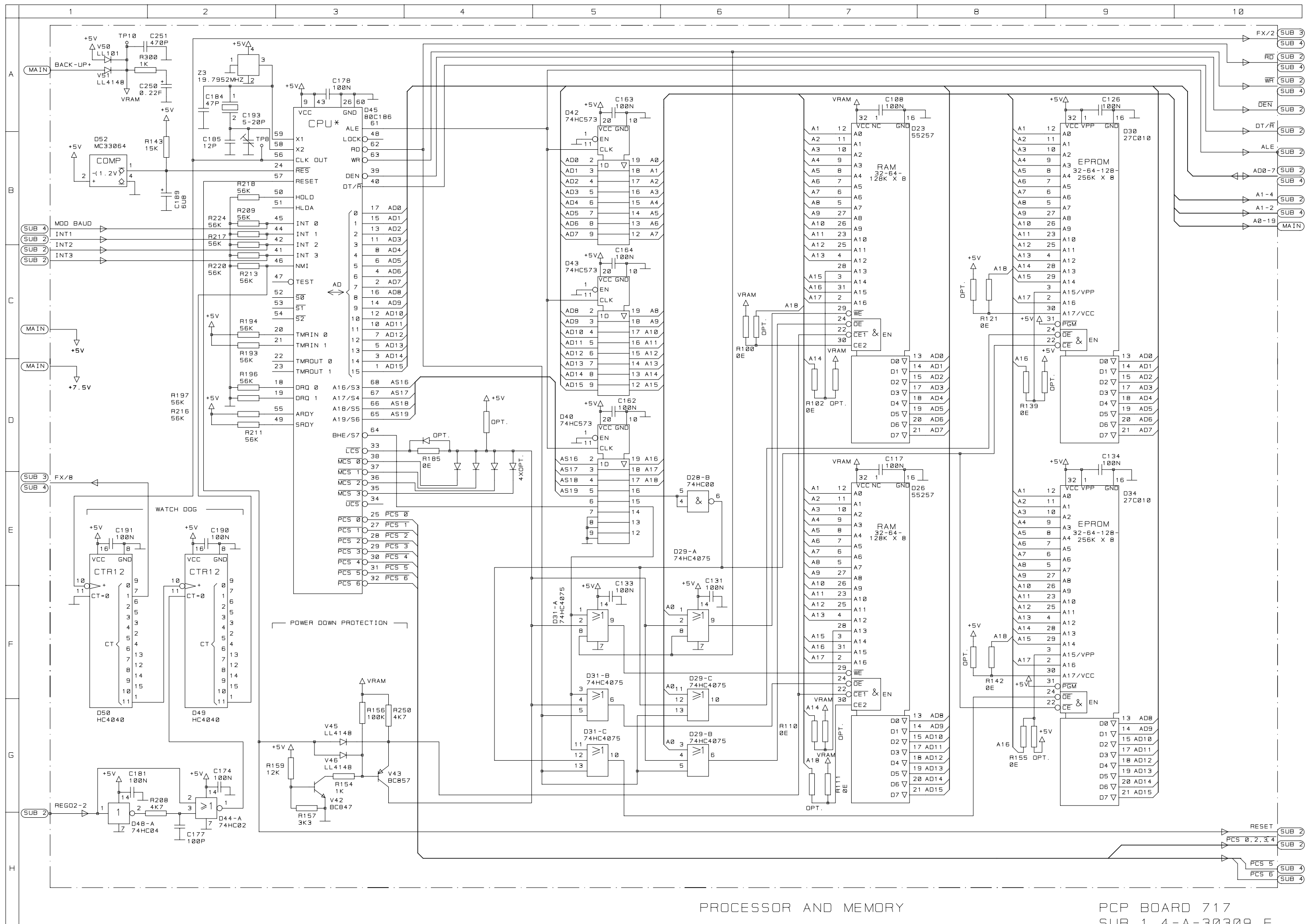
POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
R39	RESISTOR SMD 1206	5k6 OHM 5% 0.25W	ROHM	MCR18 EZH J 562	57002500
R40	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R41	RESISTOR SMD 1206	22k OHM 5% 0.25W	ROHM	MCR18	57003100
R42	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R43	RESISTOR SMD 1206	22k OHM 5% 0.25W	ROHM	MCR18	57003100
R44	RESISTOR SMD 1206	120k OHM 0.25W	ROHM	MCR18	57004200
R45	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R46	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R47	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R48	RESISTOR SMD 1206	560 OHM 5% 0.25W	ROHM	MCR18	57001600
R49	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R50	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R51	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R52	RESISTOR SMD 1206	120k OHM 0.25W	ROHM	MCR18	57004200
R53	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R54	RESISTOR SMD 1206	33k OHM 5% 0.25W	ROHM	MCR18	57003300
R55	RESISTOR SMD 1206	15k OHM 5% 0.25W	ROHM	MCR18	57004600
R56	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R57	RESISTOR SMD 1206	5k6 OHM 5% 0.25W	ROHM	MCR18 EZH J 562	57002500
R58	RESISTOR SMD 1206	1k8 OHM 5% 0.25W	ROHM	MCR18	57006100
R59	RESISTOR SMD 1206	332 OHM 1% 0.25W	ROHM	MCR18	57102700
R60	RESISTOR SMD 1206	332 OHM 1% 0.25W	ROHM	MCR18	57102700
R61	RESISTOR SMD 1206	470 OHM 5% 0.25W	ROHM	MCR18 EZH J 471	57001500
R62	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R63	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R64	RESISTOR SMD 1206	5k6 OHM 5% 0.25W	ROHM	MCR18 EZH J 562	57002500
R65	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R66	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R67	RESISTOR SMD 1206	39k OHM 5% 0.25W	ROHM	MCR18	57003400
R68	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R69	RESISTOR SMD 1206	560 OHM 5% 0.25W	ROHM	MCR18	57001600
V1	TRANSISTOR RF SMALL SIGNA	BFS20	PHILIPS	BFS20-215	84770400
V2	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V3	TRANSISTOR RF SMALL SIGNA	BFS20	PHILIPS	BFS20-215	84770400
V4	TRANSISTOR NPN H-SPEED SW	BSV52	PHILIPS	BSV52-215	84720600
V5	TRANSISTOR RF SMALL SIGNA	BF840	PHILIPS	BF 840	84770000
V6	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V7	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V8	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V9	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V10	DIODE RECTIFIER 400V/1A	BYW34, 1N4936,	MOTOROLA	1N4936RL	83001141
V11	DIODE RECTIFIER 400V/1A	BYW34, 1N4936,	MOTOROLA	1N4936RL	83001141
V12	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V13	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V14	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V15	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V16			MOTOROLA	TIP 122 (TIP 120)	84201200
V17	TRANSISTOR N-CH.JFET	2 PCS J310 SORTED	ECI A/S	00965074	84003102
V19	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V20	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V21	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V22	DIODE BAND-SWITCH	BA682	TEMIC	BA682-GS08	340.682
V23	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V24	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V25	DIODE ZENER 6.2V 5%	BZV55C6V2	PHILIPS	BZV55C6V2 SOD80	83730800
V26	DIODE ZENER 6.2V 5%	BZV55C6V2	PHILIPS	BZV55C6V2 SOD80	83730800
V27	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
T1	TRANSFORMER		ECI A/S	105 400 21A	10540021
T2	TRANSFORMER		ECI A/S	105 400 01	10540001
T3	TRANSFORMER		ECI A/S	105 400 11	10540011
D1	3 TO 8 LINE DECODER	74HC138	TEXAS	SN74HC138D R	355.235
D2	4-BIT SYNCR. BIN. COUNTER	74HC161(A)	MOTOROLA	MC74HC161AD R1(R2)	85980700
D3	QUAD 2-INPUT NOR GATE	HCMOS 74HC02	MOTOROLA	MC74HC02DR2	350.202
D4	FM IF AMPLIFIER	MC3357, MC3361B	MOTOROLA	MC 3357 D	85820000
D5	OCTAL D-FF POS. EDGE TRIG	74HC574	TEXAS	SN74HC574DWR	85980400
D6	OCTAL BUS TRANSCEIVER	74HC245	TEXAS	SN74HC245DW R	85981500
D7	8-BIT SYNCR. BINARY DOWN	COUNTER, 74HC40103	SGS	M74HC40103M 1R	85982900
D8	DUAL DECADE COUNTER	74HC390	PHILIPS	PC74HC 390 T	85984500
N1	POS. VOLTAGE REG. FIXED	5V/0.1A 78L05AC	MOTOROLA	MC78L05ACP RA	31.135
N2	DUAL OPAMP GEN. PURPOSE	SO08 1458	NATIONAL	LM1458MX	85810500
N3	VOLTAGE REGULATOR	-12V/0.1A, LM78L12AC	MOTOROLA	MC79L12ACP RA	85079121
N4	VOLTAGE REGULATOR	12V 5% 0.1A 78L12AC	MOTOROLA	MC78L12ACP RA	31.139
Z1	CRYSTAL FILTER TELEX-I	Fc=455kHz, YF-455HM	HY-Q	YF-455HM	38377093
Z2	CRYSTAL 7.2528MHz 10ppm		HY-Q	HY-Q. SINGAPORE	38550391

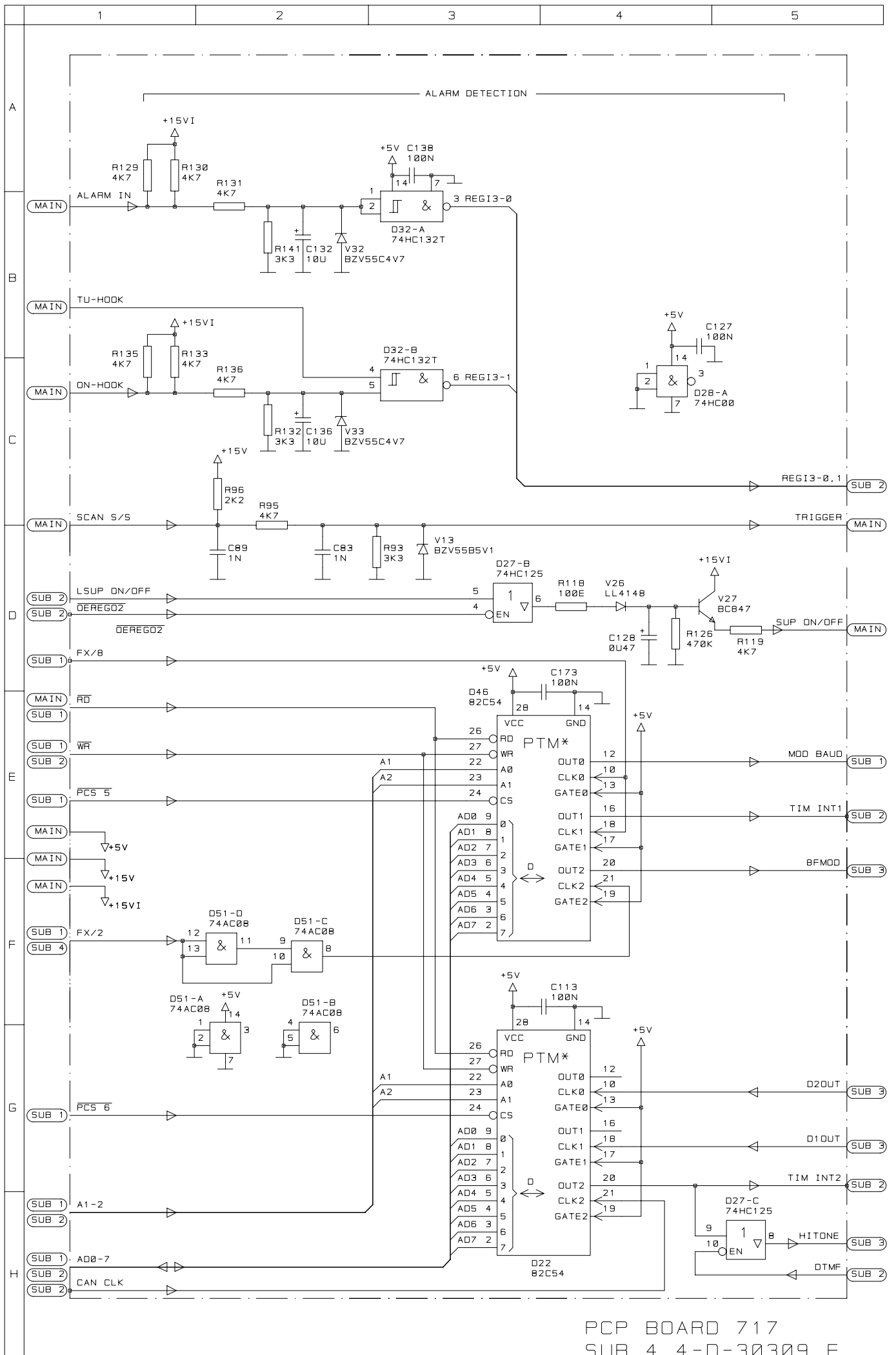


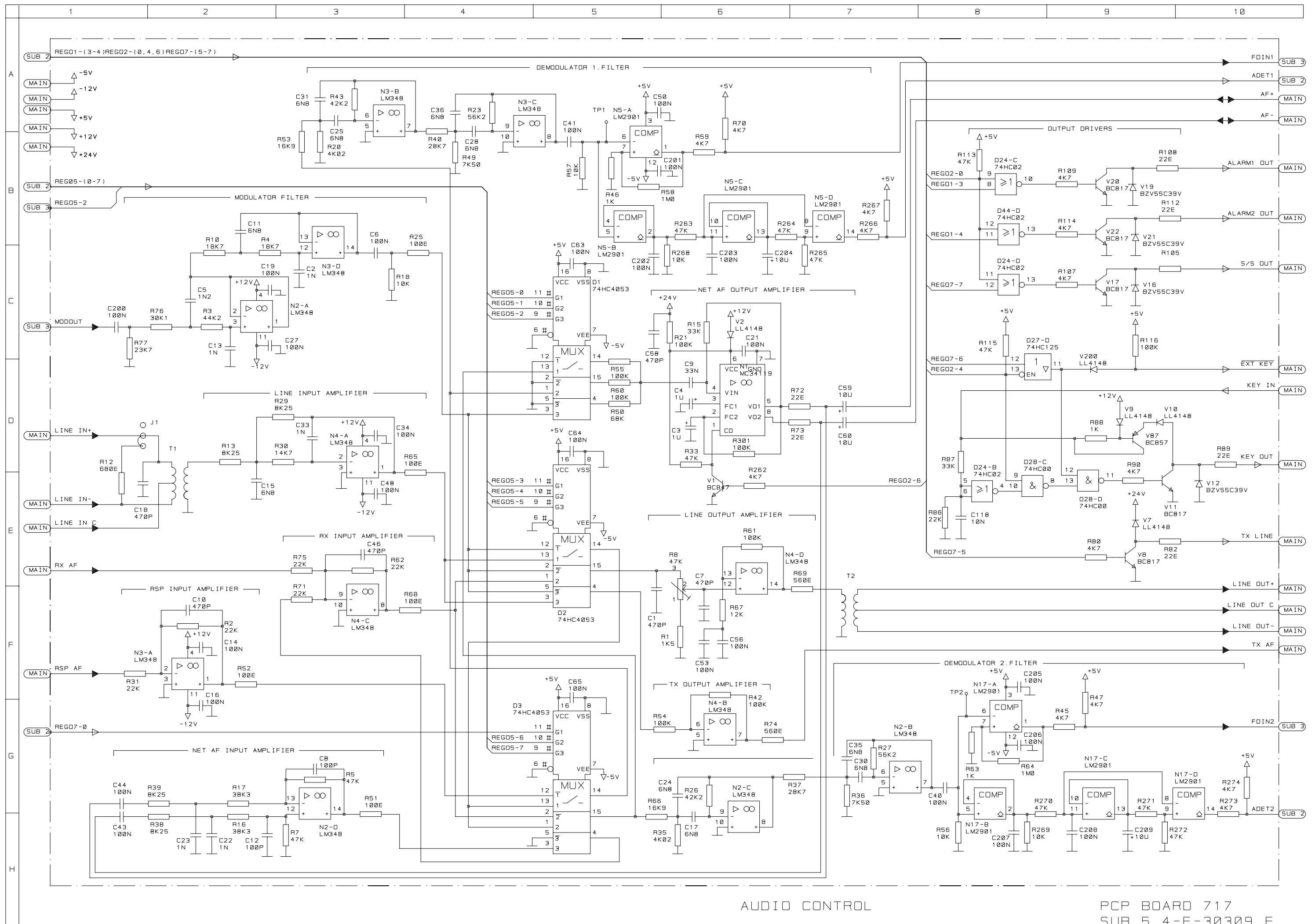
PCP BOARD 717
5-6-30309 J
VIEWED FROM TOP SIDE



PCP BOARD 717
MAIN 4-0-30309 E







AUDIO CONTROL

PCP BOARD 717
SUB 5 4-E-30309 E

PARTS LIST

PCP BOARD 717S			ECI A/S	10787171 / Ver.: 01		63030901
POSITION	DESCRIPTION			MANUFACTOR	TYPE	PART NO.
VARIOUS	PCP BOARD 717		ECI A/S	COMP J / DIA E		10787171
VARIOUS	SRAM 125k x 8 Taa<100nS	SRM 20100 LC	SEIKO	SEIKO SRM20100LC70		85201000

PARTS LIST

PCP BOARD 717			ECI A/S	COMP J / DIA E	10787171
POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
C1	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C2	CAPACITOR CERAM. SMD 1210	1n0F 2% NPO 50VDC	VITRAMON	VJ1210A102GXAT(M)	67003200
C3	CAPACITOR TANTALUM 3528	1u0F 20% 35VDC	ERO	CB 105035 M E17	67700100
C4	CAPACITOR TANTALUM 3528	1u0F 20% 35VDC	ERO	CB 105035 M E17	67700100
C5	CAPACITOR CERAM. SMD 1210	1n2F 2% NPO 50VDC	VITRAMON	VJ1210A122GXAT(M)	67007400
C6	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C7	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C8	CAPACITOR CERAM. SMD 0805	100pF 2% NPO 50VDC	VITRAMON	VJ0805A101GXAT(M)	67005500
C9	CAPACITOR CERAM. SMD 1210	33nF 10% X7R 50VDC	VITRAMON	VJ1210Y333KFAT	67103400
C10	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C11	CAPACITOR CERAM. SMD 1210	6n8F 2% NPO 50VDC	VITRAMON	VJ1210A682GXAT(M)	67007200
C12	CAPACITOR CERAM. SMD 0805	100pF 2% NPO 50VDC	VITRAMON	VJ0805A101GXAT(M)	67005500
C13	CAPACITOR CERAM. SMD 1210	1n0F 2% NPO 50VDC	VITRAMON	VJ1210A102GXAT(M)	67003200
C14	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C15	CAPACITOR CERAM. SMD 1210	6n8F 2% NPO 50VDC	VITRAMON	VJ1210A682GXAT(M)	67007200
C16	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C17	CAPACITOR CERAM. SMD 1210	6n8F 2% NPO 50VDC	VITRAMON	VJ1210A682GXAT(M)	67007200
C18	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C19	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C20	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C21	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C22	CAPACITOR CERAM. SMD 1210	1n0F 2% NPO 50VDC	VITRAMON	VJ1210A102GXAT(M)	67003200
C23	CAPACITOR CERAM. SMD 1210	1n0F 2% NPO 50VDC	VITRAMON	VJ1210A102GXAT(M)	67003200
C24	CAPACITOR CERAM. SMD 1210	6n8F 2% NPO 50VDC	VITRAMON	VJ1210A682GXAT(M)	67007200
C25	CAPACITOR CERAM. SMD 1210	6n8F 2% NPO 50VDC	VITRAMON	VJ1210A682GXAT(M)	67007200
C26	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C27	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C28	CAPACITOR CERAM. SMD 1210	6n8F 2% NPO 50VDC	VITRAMON	VJ1210A682GXAT(M)	67007200
C29	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C30	CAPACITOR CERAM. SMD 1210	6n8F 2% NPO 50VDC	VITRAMON	VJ1210A682GXAT(M)	67007200
C31	CAPACITOR CERAM. SMD 1210	6n8F 2% NPO 50VDC	VITRAMON	VJ1210A682GXAT(M)	67007200
C32	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C33	CAPACITOR CERAM. SMD 1210	1n0F 2% NPO 50VDC	VITRAMON	VJ1210A102GXAT(M)	67003200
C34	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C35	CAPACITOR CERAM. SMD 1210	6n8F 2% NPO 50VDC	VITRAMON	VJ1210A682GXAT(M)	67007200
C36	CAPACITOR CERAM. SMD 1210	6n8F 2% NPO 50VDC	VITRAMON	VJ1210A682GXAT(M)	67007200
C37	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C38	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C39	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C40	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C41	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C42	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C43	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C44	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C45	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C46	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C47	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C48	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C49	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C50	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C51	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C52	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C53	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C54	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C55	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C56	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C57	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C58	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C59	CAPACITOR TANTALUM	10uF 10% 25VDC	SIEMENS	B45196-B5106-K409	67700300
C60	CAPACITOR TANTALUM	10uF 10% 25VDC	SIEMENS	B45196-B5106-K409	67700300
C61	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C62	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C63	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C64	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C65	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C66	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C67	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C68	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600

PARTSLIST

POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
C69	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C70	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C71	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C72	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C73	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C74	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C75	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C76	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C77	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C78	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C79	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C80	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C81	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C82	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C83	CAPACITOR CERAM. SMD 1210	1n0F 2% NPO 50VDC	VITRAMON	VJ1210A102GXAT(M)	67003200
C84	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C85	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C86	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C87	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C88	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C89	CAPACITOR CERAM. SMD 1210	1n0F 2% NPO 50VDC	VITRAMON	VJ1210A102GXAT(M)	67003200
C90	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C91	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C92	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C93	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C94	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C95	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C96	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C97	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C99	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C100	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C101	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C102	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C103	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C104	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C105	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C106	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C107	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C108	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C109	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C110	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C111	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C112	CAPACITOR MKT	1u0F 10% 63VDC	WIMA	MKS2 1.0/10/63 VDC AMMO/	62261003
C113	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C114	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C115	CAPACITOR MKT	1u0F 10% 63VDC	WIMA	MKS2 1.0/10/63 VDC AMMO/	62261003
C116	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C117	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C118	CAPACITOR CERAM. SMD 1210	10nF 10% X7R 50VDC	VITRAMON	VJ1210Y103KXAT	67102200
C119	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C120	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C121	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C122	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C123	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C124	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C125	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C126	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C127	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C128	CAPACITOR TANTALUM 3216	u47F 20% 25VDC	SPRAQE	293D 474 X0 025 A2T	67700000
C129	CAPACITOR CERAM. SMD 1210	1n5F 2% NPO 50VDC	VITRAMON	VJ1210A152GXAT	67007800
C130	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C131	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C132	CAPACITOR TANTALUM	10uF 10% 25VDC	SIEMENS	B45196-B5106-K409	67700300
C133	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C134	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C135	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C136	CAPACITOR TANTALUM	10uF 10% 25VDC	SIEMENS	B45196-B5106-K409	67700300
C137	CAPACITOR CERAM. SMD 0805	100pF 2% NPO 50VDC	VITRAMON	VJ0805A101GXAT(M)	67005500
C138	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C139	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C140	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C141	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C142	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C144	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600

PARTSLIST

POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
C145	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C146	CAPACITOR MKT	1u0F 10% 63VDC	WIMA	MKS2 1.0/10/63 VDC AMMO/	62261003
C147	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C148	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C149	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C150	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C151	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C152	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C153	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C154	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C155	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C157	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C158	CAPACITOR ADJUSTABLE	3-10pF	PANASONIC	ECR-JA010A-12X	67500000
C159	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C160	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C161	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C162	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C163	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C164	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C165	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C166	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C167	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C168	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C169	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C170	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C171	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C172	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C173	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C174	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C175	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C176	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C177	CAPACITOR CERAM. SMD 0805	100pF 2% NPO 50VDC	VITRAMON	VJ0805A101GXAT(M)	67005500
C178	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C179	CAPACITOR CERAM. SMD 0805	22pF 2% NPO 50VDC	VITRAMON	VJ0805A220GXAT	67002900
C180	CAPACITOR CERAM. SMD 0805	33pF 2% NPO 50VDC	VITRAMON	VJ0805A330GXAT	67005700
C181	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C182	CAPACITOR CERAM. SMD 0805	22pF 2% NPO 50VDC	VITRAMON	VJ0805A220GXAT	67002900
C183	CAPACITOR CERAM. SMD 0805	33pF 2% NPO 50VDC	VITRAMON	VJ0805A330GXAT	67005700
C184	CAPACITOR CERAM. SMD 0805	47pF 2% NPO 50VDC	AVX	CM 21 CG 470 G 50 A T	67004800
C185	CAPACITOR CERAM. SMD 0805	12pF 2% NPO 50VDC	VITRAMON	VJ0805A120GXAT	67006000
C186	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C187	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C188	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C189	CAPACITOR TANTALUM	6u8F 20% 25VDC	ROEDERSTEIN	ETPW2EL	65266800
C190	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C191	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C192	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C193	CAPACITOR ADJUSTABLE	4.5-20pF	PANASONIC	ECR-JA020E-12X	67500100
C194	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C195	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C196	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C197	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C198	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C200	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C201	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C202	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C203	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C204	CAPACITOR TANTALUM	10uF 10% 25VDC	SIEMENS	B45196-B5106-K409	67700300
C205	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C206	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C207	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C208	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C209	CAPACITOR TANTALUM	10uF 10% 25VDC	SIEMENS	B45196-B5106-K409	67700300
C210	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C211	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C212	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
C213	CAPACITOR CERAM. SMD 0805	100pF 2% NPO 50VDC	VITRAMON	VJ0805A101GXAT(M)	67005500
C250	ELECTROLYTIC CAPACITOR	0.22F 5.5VDC,DOUBLE LAYER	PANASONIC	EECF5R5U224	14.827
C251	CAPACITOR CERAM. SMD 0805	470pF 2% NPO 50VDC	AVX	CM 21 CG 471 G 50 A T	67003600
X2A	SOCKET 2x10 POLES	RIGHTANGLE PCB VERSION	AMP	9-215460-0 / 2-215460-0	75602004
X1	SOCKET 2x10 POLES	RIGHTANGLE PCB VERSION	AMP	9-215460-0 / 2-215460-0	75602004
X2	SOCKET 2x10 POLES	RIGHTANGLE PCB VERSION	AMP	9-215460-0 / 2-215460-0	75602004
X3	SOCKET 2x10 POLES	RIGHTANGLE PCB VERSION	AMP	9-215460-0 / 2-215460-0	75602004
X4	SOCKET 2x10 POLES	RIGHTANGLE PCB VERSION	AMP	9-215460-0 / 2-215460-0	75602004

PARTSLIST

POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
X5A				7395-03B	75100182
X5	SOCKET 2x10 POLES	RIGHTANGLE PCB VERSION	AMP	9-215460-0 / 2-215460-0	75602004
X6	SOCKET 2X5 POLES u-MATCH	RIGHT ANGLE PCB VERSION	AMP	1-0215460-0	75601004
X7	PLUG 2 POLES RIGHT ANGLE		MOLEX	7395-02B	75000164
J1	SIL SQUARE PINS	3 POLES CC=1/10"	AMP	0-826629-3 (0-826647-3)	78.323
J2	PLUG	1/10" DIL SQ.PINS 6 POLES	AMP	826656-3	78.340
J3	PLUG	1/10" DIL SQ.PINS 6 POLES	AMP	826656-3	78.340
J4	PLUG	1/10" DIL SQ.PINS 6 POLES	AMP	826656-3	78.340
J5	PLUG	1/10" DIL SQ.PINS 6 POLES	AMP	826656-3	78.340
J6	PLUG	1/10" DIL SQ.PINS 6 POLES	AMP	826656-3	78.340
J8	SIL SQUARE PINS	2 POLES CC=1/10"	AMP	0-826629-2	78.322
J9	SIL SQUARE PINS	2 POLES CC=1/10"	AMP	0-826629-2	78.322
J10	SIL SQUARE PINS	2 POLES CC=1/10"	AMP	0-826629-2	78.322
J11	SIL SQUARE PINS	2 POLES CC=1/10"	AMP	0-826629-2	78.322
J12	SIL SQUARE PINS	2 POLES CC=1/10"	AMP	0-826629-2	78.322
J13	SIL SQUARE PINS	2 POLES CC=1/10"	AMP	0-826629-2	78.322
L1	CHOKE FIXED SMD 1812	10uH 10%	PANASONIC	ELJ-FB100KF	74101200
L2	CHOKE FIXED SMD 1812	10uH 10%	PANASONIC	ELJ-FB100KF	74101200
L3	CHOKE FIXED SMD 1812	10uH 10%	PANASONIC	ELJ-FB100KF	74101200
L4	CHOKE FIXED	10uH 5%	NEOSID	00 6122 00	20.118
L5	CHOKE FIXED	10uH 20%/2.5ADC	SUMIDA	RCH-875-100M	74011005
R1	RESISTOR SMD 1206	1k5 OHM 5% 0.25W	DRALORIC	CR 1206 L 152 J G4	303.050
R2	RESISTOR SMD 1206	22k OHM 5% 0.25W	ROHM	MCR18	57003100
R3				MCR18	57109500
R4	RESISTOR SMD 1206	18k7 OHM 1% 0.25W	ROHM	MCR18	57108700
R5	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R6	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R7	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R8	PRESET UNSEALED	50k OHM 25% 0.1W	BOURNS	3374X-1-503-X	57301000
R9	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R10	RESISTOR SMD 1206	18k7 OHM 1% 0.25W	ROHM	MCR18	57108700
R11	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R12	RESISTOR SMD 1206	680 OHM 5% 0.25W	ROHM	MCR18	57007300
R13	RESISTOR SMD 1206	8k25 OHM 1% 0.25W	ROHM	MCR18	57107800
R14	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R15	RESISTOR SMD 1206	33k OHM 5% 0.25W	ROHM	MCR18	57003300
R16	RESISTOR SMD 1206	38k3 OHM 1% 0.25W	ROHM	MCR18	57107700
R17	RESISTOR SMD 1206	38k3 OHM 1% 0.25W	ROHM	MCR18	57107700
R18	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R19	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R20	RESISTOR SMD 1206	4k02 OHM 1% 0.25W	ROHM	MCR18	57109600
R21	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R22	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R23	RESISTOR SMD 1206	56k2 OHM 1% 0.25W	ROHM	MCR18	57105600
R24	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R25	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R26	RESISTOR SMD 1206	42k2 OHM 1% 0.25W	ROHM	MCR18	57109700
R27	RESISTOR SMD 1206	56k2 OHM 1% 0.25W	ROHM	MCR18	57105600
R28	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R29	RESISTOR SMD 1206	8k25 OHM 1% 0.25W	ROHM	MCR18	57107800
R30	RESISTOR SMD 1206	14k7 OHM 1% 0.25W	ROHM	MCR18	57109400
R31	RESISTOR SMD 1206	22k OHM 5% 0.25W	ROHM	MCR18	57003100
R32	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R33	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R34	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R35	RESISTOR SMD 1206	4k02 OHM 1% 0.25W	ROHM	MCR18	57109600
R36	RESISTOR SMD 1206	7k50 OHM 1% 0.25W	ROHM	MCR18	57106000
R37	RESISTOR SMD 1206	28k7 OHM 1% 0.25W	ROHM	MCR18	57107200
R38	RESISTOR SMD 1206	8k25 OHM 1% 0.25W	ROHM	MCR18	57107800
R39	RESISTOR SMD 1206	8k25 OHM 1% 0.25W	ROHM	MCR18	57107800
R40	RESISTOR SMD 1206	28k7 OHM 1% 0.25W	ROHM	MCR18	57107200
R41	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R42	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R43	RESISTOR SMD 1206	42k2 OHM 1% 0.25W	ROHM	MCR18	57109700
R44	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R45	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R46	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R47	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R48	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R49	RESISTOR SMD 1206	7k50 OHM 1% 0.25W	ROHM	MCR18	57106000
R50	RESISTOR SMD 1206	68k OHM 5% 0.25W	ROHM	MCR18	57003700
R51	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R52	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R53	RESISTOR SMD 1206	16k9 OHM 1% 0.25W	ROHM	MCR18	57106100

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POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
R54	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R55	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R56	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R57	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R58	RESISTOR SMD 1206	1M0 OHM 5% 0.25W	ROHM	MCR18	57005600
R59	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R60	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R61	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R62	RESISTOR SMD 1206	22k OHM 5% 0.25W	ROHM	MCR18	57003100
R63	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R64	RESISTOR SMD 1206	1M0 OHM 5% 0.25W	ROHM	MCR18	57005600
R65	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R66	RESISTOR SMD 1206	16k9 OHM 1% 0.25W	ROHM	MCR18	57106100
R67	RESISTOR SMD 1206	12k OHM 5% 0.25W	ROHM	MCR18	57002900
R68	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R69	RESISTOR SMD 1206	560 OHM 5% 0.25W	ROHM	MCR18	57001600
R70	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R71	RESISTOR SMD 1206	22k OHM 5% 0.25W	ROHM	MCR18	57003100
R72	RESISTOR SMD 1206	22 OHM 5% 0.25W	ROHM	MCR18	57005700
R73	RESISTOR SMD 1206	22 OHM 5% 0.25W	ROHM	MCR18	57005700
R74	RESISTOR SMD 1206	560 OHM 5% 0.25W	ROHM	MCR18	57001600
R75	RESISTOR SMD 1206	22k OHM 5% 0.25W	ROHM	MCR18	57003100
R76	RESISTOR SMD 1206	30k1 OHM 1% 0.25W	ROHM	MCR18	57105500
R77	RESISTOR SMD 1206	23k7 OHM 1% 0.25W	ROHM	MCR18	57105300
R78	RESISTOR SMD 1206	287k OHM 1% 0.25W	ROHM	MCR18	57110000
R79	RESISTOR SMD 1206	121k OHM 1% 0.25W	ROHM	MCR18	57103500
R80	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R81	RESISTOR SMD 1206	82k OHM 5% 0.25W	ROHM	MCR18 EZH J 823	57003800
R82	RESISTOR SMD 1206	22 OHM 5% 0.25W	ROHM	MCR18	57005700
R83	RESISTOR SMD 1206	121k OHM 1% 0.25W	ROHM	MCR18	57103500
R85	RESISTOR SMD 1206	15k OHM 5% 0.25W	ROHM	MCR18	57004600
R86	RESISTOR SMD 1206	22k OHM 5% 0.25W	ROHM	MCR18	57003100
R87	RESISTOR SMD 1206	33k OHM 5% 0.25W	ROHM	MCR18	57003300
R88	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R89	RESISTOR SMD 1206	22 OHM 5% 0.25W	ROHM	MCR18	57005700
R90	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R91	RESISTOR SMD 1206	121k OHM 1% 0.25W	ROHM	MCR18	57103500
R92	RESISTOR SMD 1206	68k OHM 5% 0.25W	ROHM	MCR18	57003700
R93	RESISTOR SMD 1206	3k3 OHM 5% 0.25W	ROHM	MCR18	57002200
R94	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R95	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R96	RESISTOR SMD 1206	2k2 OHM 5% 0.25W	ROHM	MCR18	57002000
R98	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R99	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R100	RESISTOR SMD 1206	0 OHM	ROHM	MCR18	57006300
R101	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R102	RESISTOR SMD 1206	0 OHM	ROHM	MCR18	57006300
R103	RESISTOR SMD 1206	33k OHM 5% 0.25W	ROHM	MCR18	57003300
R104	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R105	RESISTOR SMD 1206	22 OHM 5% 0.25W	ROHM	MCR18	57005700
R106	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R107	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R108	RESISTOR SMD 1206	22 OHM 5% 0.25W	ROHM	MCR18	57005700
R109	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R110	RESISTOR SMD 1206	0 OHM	ROHM	MCR18	57006300
R111	RESISTOR SMD 1206	0 OHM	ROHM	MCR18	57006300
R112	RESISTOR SMD 1206	22 OHM 5% 0.25W	ROHM	MCR18	57005700
R113	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R114	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R115	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R116	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R117	RESISTOR SMD 1206	680 OHM 5% 0.25W	ROHM	MCR18	57007300
R118	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R119	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R120	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R121	RESISTOR SMD 1206	0 OHM	ROHM	MCR18	57006300
R122	RESISTOR SMD 1206	470k OHM 5% 0.25W	ROHM	MCR18	57004500
R124	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R125	RESISTOR SMD 1206	1M0 OHM 5% 0.25W	ROHM	MCR18	57005600
R126	RESISTOR SMD 1206	470k OHM 5% 0.25W	ROHM	MCR18	57004500
R127	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R129	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R130	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R131	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400

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POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
R132	RESISTOR SMD 1206	3k3 OHM 5% 0.25W	ROHM	MCR18	57002200
R133	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R134	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R135	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R136	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R137	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R138	RESISTOR SMD 1206	6k8 OHM 5% 0.25W	ROHM	MCR18 EZH J 682	57002600
R139	RESISTOR SMD 1206	0 OHM	ROHM	MCR18	57006300
R140	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R141	RESISTOR SMD 1206	3k3 OHM 5% 0.25W	ROHM	MCR18	57002200
R142	RESISTOR SMD 1206	0 OHM	ROHM	MCR18	57006300
R143	RESISTOR SMD 1206	15k OHM 5% 0.25W	ROHM	MCR18	57004600
R144	RESISTOR SMD 1206	470k OHM 5% 0.25W	ROHM	MCR18	57004500
R145	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R146	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R147	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R148	RESISTOR SMD 1206	68k OHM 5% 0.25W	ROHM	MCR18	57003700
R149	RESISTOR SMD 1206	8k2 OHM 5% 0.25W	ROHM	MCR18 EZH J 822	57002700
R150	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R151	RESISTOR SMD 1206	330 OHM 5% 0.25W	ROHM	MCR18	57007200
R152	RESISTOR SMD 1206	1k5 OHM 5% 0.25W	DRALORIC	CR 1206 L 152 J G4	303.050
R153	RESISTOR SMD 1206	330 OHM 5% 0.25W	ROHM	MCR18	57007200
R154	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R155	RESISTOR SMD 1206	0 OHM	ROHM	MCR18	57006300
R156	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R157	RESISTOR SMD 1206	3k3 OHM 5% 0.25W	ROHM	MCR18	57002200
R159	RESISTOR SMD 1206	12k OHM 5% 0.25W	ROHM	MCR18	57002900
R162	RESISTOR SMD 1206	2k2 OHM 5% 0.25W	ROHM	MCR18	57002000
R163	RESISTOR SMD 1206	3k3 OHM 5% 0.25W	ROHM	MCR18	57002200
R165	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R166	RESISTOR SMD 1206	470k OHM 5% 0.25W	ROHM	MCR18	57004500
R167	RESISTOR SMD 1206	150k OHM 5% 0.25W	ROHM	MCR18	57003900
R168	RESISTOR SMD 1206	1M0 OHM 5% 0.25W	ROHM	MCR18	57005600
R169	RESISTOR SMD 1206	3k3 OHM 5% 0.25W	ROHM	MCR18	57002200
R170	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R171	RESISTOR SMD 1206	2k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 272	57002100
R172	RESISTOR SMD 1206	3k3 OHM 5% 0.25W	ROHM	MCR18	57002200
R173	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R174	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R175	RESISTOR SMD 1206	470k OHM 5% 0.25W	ROHM	MCR18	57004500
R176	RESISTOR SMD 1206	5k90 OHM 1% 0.25W	ROHM	MCR18	57109800
R177	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R178	RESISTOR SMD 1206	1M0 OHM 5% 0.25W	ROHM	MCR18	57005600
R179	RESISTOR SMD 1206	5k90 OHM 1% 0.25W	ROHM	MCR18	57109800
R180	RESISTOR SMD 1206	2k87 OHM 1% 0.25W	ROHM	MCR18	57105000
R181	RESISTOR SMD 1206	2k15 OHM 1% 0.25W	ROHM	MCR18	57109900
R182	RESISTOR SMD 1206	2k87 OHM 1% 0.25W	ROHM	MCR18	57105000
R183	RESISTOR SMD 1206	2k15 OHM 1% 0.25W	ROHM	MCR18	57109900
R184	RESISTOR SMD 1206	68 OHM 5% 0.25W	ROHM	MCR18	57000800
R185	RESISTOR SMD 1206	0 OHM	ROHM	MCR18	57006300
R187	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R188	RESISTOR SMD 1206	270 OHM 5% 0.25W	ROHM	MCR18 EZH J 271	57001400
R189	RESISTOR SMD 1206	68 OHM 5% 0.25W	ROHM	MCR18	57000800
R190	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R191	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R192	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R193	RESISTOR SMD 1206	56k OHM 5% 0.25W	ROHM	MCR18	57003600
R194	RESISTOR SMD 1206	56k OHM 5% 0.25W	ROHM	MCR18	57003600
R195	RESISTOR SMD 1206	22k OHM 5% 0.25W	ROHM	MCR18	57003100
R196	RESISTOR SMD 1206	56k OHM 5% 0.25W	ROHM	MCR18	57003600
R197	RESISTOR SMD 1206	56k OHM 5% 0.25W	ROHM	MCR18	57003600
R198	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R199	RESISTOR SMD 1206	150k OHM 5% 0.25W	ROHM	MCR18	57003900
R200	RESISTOR SMD 1206	470k OHM 5% 0.25W	ROHM	MCR18	57004500
R201	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R202	RESISTOR SMD 1206	1M0 OHM 5% 0.25W	ROHM	MCR18	57005600
R203	RESISTOR SMD 1206	3k3 OHM 5% 0.25W	ROHM	MCR18	57002200
R204	RESISTOR SMD 1206	2k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 272	57002100
R205	RESISTOR SMD 1206	3k3 OHM 5% 0.25W	ROHM	MCR18	57002200
R206	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R207	RESISTOR SMD 1206	30k1 OHM 1% 0.25W	ROHM	MCR18	57105500
R208	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R209	RESISTOR SMD 1206	56k OHM 5% 0.25W	ROHM	MCR18	57003600
R210	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500

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POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
R211	RESISTOR SMD 1206	56k OHM 5% 0.25W	ROHM	MCR18	57003600
R212	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R213	RESISTOR SMD 1206	56k OHM 5% 0.25W	ROHM	MCR18	57003600
R214	RESISTOR SMD 1206	31k6 OHM 1% 0.25W	ROHM	MCR18	57106200
R215	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R216	RESISTOR SMD 1206	56k OHM 5% 0.25W	ROHM	MCR18	57003600
R217	RESISTOR SMD 1206	56k OHM 5% 0.25W	ROHM	MCR18	57003600
R218	RESISTOR SMD 1206	56k OHM 5% 0.25W	ROHM	MCR18	57003600
R219	RESISTOR SMD 1206	31k6 OHM 1% 0.25W	ROHM	MCR18	57106200
R220	RESISTOR SMD 1206	56k OHM 5% 0.25W	ROHM	MCR18	57003600
R221	RESISTOR SMD 1206	68 OHM 5% 0.25W	ROHM	MCR18	57000800
R222	RESISTOR SMD 1206	30k1 OHM 1% 0.25W	ROHM	MCR18	57105500
R223	RESISTOR SMD 1206	68 OHM 5% 0.25W	ROHM	MCR18	57000800
R224	RESISTOR SMD 1206	56k OHM 5% 0.25W	ROHM	MCR18	57003600
R226	RESISTOR SMD 1206	1k5 OHM 5% 0.25W	DRALORIC	CR 1206 L 152 J G4	303.050
R227	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R228	RESISTOR SMD 1206	270 OHM 5% 0.25W	ROHM	MCR18 EZH J 271	57001400
R229	RESISTOR SMD 1206	68 OHM 5% 0.25W	ROHM	MCR18	57000800
R230	RESISTOR SMD 1206	10 OHM 5% 0.25W	ROHM	MCR18	57004800
R231	RESISTOR SMD 1206	1k5 OHM 5% 0.25W	DRALORIC	CR 1206 L 152 J G4	303.050
R232	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R233	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R234	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R235	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R236	RESISTOR SMD 1206	470k OHM 5% 0.25W	ROHM	MCR18	57004500
R237	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R238	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R239	RESISTOR SMD 1206	15k OHM 5% 0.25W	ROHM	MCR18	57004600
R240	RESISTOR SMD 1206	10 OHM 5% 0.25W	ROHM	MCR18	57004800
R241	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R242	RESISTOR SMD 1206	15k OHM 5% 0.25W	ROHM	MCR18	57004600
R243	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R244	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R245	RESISTOR SMD 1206	22k OHM 5% 0.25W	ROHM	MCR18	57003100
R250	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R251	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R252	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R253	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R254	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R255	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R256	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R257	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R258	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R260	RESISTOR SMD 1206	5k6 OHM 5% 0.25W	ROHM	MCR18 EZH J 562	57002500
R261	RESISTOR SMD 1206	5k6 OHM 5% 0.25W	ROHM	MCR18 EZH J 562	57002500
R262	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R263	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R264	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R265	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R266	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R267	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R268	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R269	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R270	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R271	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R272	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R273	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R274	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R275	RESISTOR SMD 1206	3k3 OHM 5% 0.25W	ROHM	MCR18	57002200
R276	RESISTOR SMD 1206	3k3 OHM 5% 0.25W	ROHM	MCR18	57002200
R277	RESISTOR SMD 1206	270 OHM 5% 0.25W	ROHM	MCR18 EZH J 271	57001400
R278	RESISTOR SMD 1206	270 OHM 5% 0.25W	ROHM	MCR18 EZH J 271	57001400
R280	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R281	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R282	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R283	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R284	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R285	RESISTOR SMD 1206	56k OHM 5% 0.25W	ROHM	MCR18	57003600
R286	RESISTOR SMD 1206	33k2 OHM 1% 0.25W	ROHM	MCR18	57100300
R287	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R300	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R301	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
S1	DIP SWITCH	4 POLES	ECE	ESD104LD	76250200
V1	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000

PARTSLIST

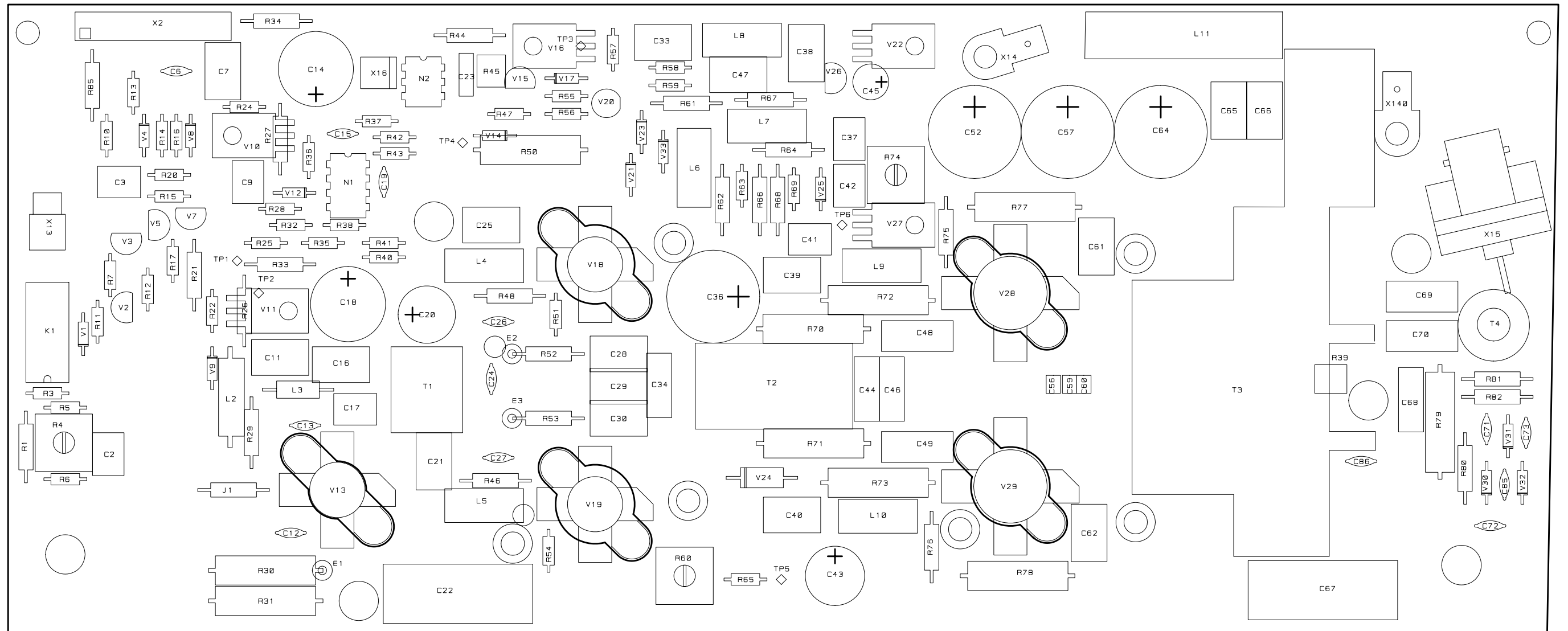
POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
V2	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V3	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V4	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V7	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V8	TRANSISTOR AF NPN SOT-23	BC817-25	PHILIPS	BC817-25	345.017
V9	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V10	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V11	TRANSISTOR AF NPN SOT-23	BC817-25	PHILIPS	BC817-25	345.017
V12	DIODE ZENER 39V 5%		PHILIPS	BZV55C39	83732200
V13	DIODE ZENER	5.1V 2% 0.5W SOD-80	TFK	TZM/B5V1	340.417
V14	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V15	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V16	DIODE ZENER 39V 5%		PHILIPS	BZV55C39	83732200
V17	TRANSISTOR AF NPN SOT-23	BC817-25	PHILIPS	BC817-25	345.017
V18	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V19	DIODE ZENER 39V 5%		PHILIPS	BZV55C39	83732200
V20	TRANSISTOR AF NPN SOT-23	BC817-25	PHILIPS	BC817-25	345.017
V21	DIODE ZENER 39V 5%		PHILIPS	BZV55C39	83732200
V22	TRANSISTOR AF NPN SOT-23	BC817-25	PHILIPS	BC817-25	345.017
V23	DIODE LIGHT EMITTING	RED 1.6mCd/10mA	AEG	TLHR4400(4401) AS12Z(21Z)	82300000
V24	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V25	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V26	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V27	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V28	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V29	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V30	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V32	DIODE ZENER	4V7 V 5% 0.5W SOD-80	PHILIPS	BZV55 C4V7	83731000
V33	DIODE ZENER	4V7 V 5% 0.5W SOD-80	PHILIPS	BZV55 C4V7	83731000
V34	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V35	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V36	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V37	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V38	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V39	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V40	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V41	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V42	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V43	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V45	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V46	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V47	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V49	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V50	DIODE SCHOTTKY	LL101A	ITT	LL101A(B,C) TAPE&REEL	83710100
V51	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V52	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V53	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V54	DIODE ZENER	4V7 V 5% 0.5W SOD-80	PHILIPS	BZV55 C4V7	83731000
V55	DIODE ZENER	12V 5% 0.5W SOD-80	PHILIPS	BZV55 C12	83730300
V56	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V57	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V58	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V59	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V60	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V61	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V62	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V63	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V64	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V65	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V66	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V67	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V68	DIODE ZENER	4V7 V 5% 0.5W SOD-80	PHILIPS	BZV55 C4V7	83731000
V69	DIODE ZENER	12V 5% 0.5W SOD-80	PHILIPS	BZV55 C12	83730300
V70	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V71	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V72	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V73	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V74	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V75	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V76	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V77	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V78	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V79	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V80	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000

PARTSLIST

POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
V81	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V82	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V83	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V84	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V85	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V86	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V87	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V88	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V89	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V90	DIODE SCHOTTKY	LL101A	ITT	LL101A(B,C) TAPE&REEL	83710100
V200	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
T1	LINE TRANSFORMER 1:1	600 OHM	DANTRAF	EI 19/5-3293,0	80200000
T2	LINE TRANSFORMER 1:1	600 OHM	DANTRAF	EI 19/5-3293,0	80200000
D1	TRIPLE 2-CHANNEL ANALOG	MULTIPLEXER, 74HC4053	HARRIS	CD74HC4053M	355.313
D2	TRIPLE 2-CHANNEL ANALOG	MULTIPLEXER, 74HC4053	HARRIS	CD74HC4053M	355.313
D3	TRIPLE 2-CHANNEL ANALOG	MULTIPLEXER, 74HC4053	HARRIS	CD74HC4053M	355.313
D4	PLL FILTER	74HC297	RCA/HARRIS	CD74HC297E	85742970
D5	8-BIT SYNC. BINARY DOWN	COUNTER, 74HC40103	SGS	M74HC40103M 1R	85982900
D6	8-BIT SYNC. BINARY DOWN	COUNTER, 74HC40103	SGS	M74HC40103M 1R	85982900
D7	DUAL D-FF SET/RESET	74HC74	MOTOROLA	MC74HC74D R2	355.223
D8	QUAD 2-INPUT NOR GATE	HCMOS 74HC02	MOTOROLA	MC74HC02DR2	350.202
D9	QUAD 2INPUT EXCL. OR GATE	74HC86	NATIONAL	MM74HC86MX	85983300
D10	PLL FILTER	74HC297	RCA/HARRIS	CD74HC297E	85742970
D11	4 BIT SHIFT REGISTER	74HC194	SGS	M74HC194M1	85984400
D12	QUAD 2 INPUT NAND GATE	74HC00	NATIONAL	MM74HC00M TAPE&REEL	85980000
D13	QUAD D-FF W. CLEAR	74HC175	NATIONAL	MM74HC175M TAPE & REEL	85983600
D14	QUAD 2-INPUT NOR GATE	HCMOS 74HC02	MOTOROLA	MC74HC02DR2	350.202
D15	DUAL 4 BIT BINARY COUNTER	74HC393	PHILIPS	PC74HC393T	85983800
D16	OCTAL D-TYPE LATCH 3-STAT	74HC573	TEXAS	SN74HC573DW	85980200
D17	OCTAL D-TYPE LATCH 3-STAT	74HC573	TEXAS	SN74HC573DW	85980200
D18	OCTAL D-TYPE LATCH 3-STAT	74HC573	TEXAS	SN74HC573DW	85980200
D19	OCTAL D-TYPE LATCH 3-STAT	74HC573	TEXAS	SN74HC573DW	85980200
D20	OCTAL D-TYPE LATCH 3-STAT	74HC573	TEXAS	SN74HC573DW	85980200
D21	EEPROM 64Kx16 SERIAL	93LC46, 93C46	SGS/THOMSON	ST93C46AM1 (AM6)	85961300
D22	PROGRAMMABLE TIMER	uDP71054L, MSM82C54-2	NEC	NEC UPD 71054 L-10	85960600
D23	SOCKET 2x16 POLES		AUGAT	332AG19DC	75100187
D24	QUAD 2-INPUT NOR GATE	HCMOS 74HC02	MOTOROLA	MC74HC02DR2	350.202
D25	3 TO EIGHT DECODER	74HC237	MOTOROLA	MC74HC237D	85983700
D26	SOCKET 2x16 POLES		AUGAT	332AG19DC	75100187
D27	QUAD 3-STATE NONINV.BUFFE	74HC125, 74HC125A	MOTOROLA	MC74HC125AD R1(R2)	85983500
D28	QUAD 2 INPUT NAND GATE	74HC00	NATIONAL	MM74HC00M TAPE&REEL	85980000
D29	TRIPLE 3 INPUT OR GATE	74HC4075	MOTOROLA	MC74HC4075D	85981800
D30	SOCKET 2x16 POLES		AUGAT	332AG19DC	75100187
D31	TRIPLE 3 INPUT OR GATE	74HC4075	MOTOROLA	MC74HC4075D	85981800
D32	QUAD 2-INP. NAND GATE	SCHMITT TRIG. 74HC132(A)	MOTOROLA	MC74HC132AD R1(R2)	85982000
D34	SOCKET 2x16 POLES		AUGAT	332AG19DC	75100187
D35	DUAL ASYNCHRONOUS RX/TX		PHILIPS	SCC2692AC1A44	85961500
D36	QUAD 2 INPUT NAND GATE	74HC00	NATIONAL	MM74HC00M TAPE&REEL	85980000
D37	DIGITAL CLOCK		MICRO ELEC.	M 3003-16 SI	85961000
D38	OCTAL BUS TRANSCEIVER	74HC245	TEXAS	SN74HC245DW R	85981500
D39	QUAD 2 INPUT NAND GATE	74HC00	NATIONAL	MM74HC00M TAPE&REEL	85980000
D40	OCTAL D-TYPE LATCH 3-STAT	74HC573	TEXAS	SN74HC573DW	85980200
D41	DUAL ASYNCHRONOUS RX/TX		PHILIPS	SCC2692AC1A44	85961500
D42	OCTAL D-TYPE LATCH 3-STAT	74HC573	TEXAS	SN74HC573DW	85980200
D43	OCTAL D-TYPE LATCH 3-STAT	74HC573	TEXAS	SN74HC573DW	85980200
D44	QUAD 2-INPUT NOR GATE	HCMOS 74HC02	MOTOROLA	MC74HC02DR2	350.202
D45	16 BIT CPU Fcl=10MHz	N80C186	INTEL	INTEL N80C186	85961400
D46	PROGRAMMABLE TIMER	uDP71054L, MSM82C54-2	NEC	NEC UPD 71054 L-10	85960600
D47	STAND-ALONE CAN CONTROLLE	SJA1000	PHILIPS	SJA1000T/N1 TAPE & REEL	356.625
D48	HEX INVERTER	74HC04	NATIONAL	MM74HC04M	85983400
D49	12 BIT BINARY COUNTER	74HC4040	PHILIPS	74HC4040N (PC74HC4040T)	85983900
D50	12 BIT BINARY COUNTER	74HC4040	PHILIPS	74HC4040N (PC74HC4040T)	85983900
D51	QUAD 2 INPUT AND GATE	74AC08	RCA/HARRIS	HARR: CD 74AC 08 M	85984000
D52	UNDERVOLTAGE SENSING CIRC	MC33064	MOTOROLA	MC33064D-5 R2(R1)	85870600
N1	LOW POWER AUDIO AMPLIFIER	MC34119	MOTOROLA	MC34119D R2(R1)	85870000
N2	QUAD OP AMP	LM348	NATIONAL	LM348MX	85810600
N3	QUAD OP AMP	LM348	NATIONAL	LM348MX	85810600
N4	QUAD OP AMP	LM348	NATIONAL	LM348MX	85810600
N5	QUAD COMPARATOR	LM2901	MOTOROLA	LM2901DR1(R2)	85890300
N6	QUAD BILATERAL SWITCH	CD4066BC	MOTOROLA	MC14066BD R2(R1)	355.066
N7	VOLTAGE REGULATOR	12V 5% 0.1A 78L12AC	MOTOROLA	MC78L12ACP RA	31.139
N8	VOLTAGE REGULATOR	-12V/0.1A, LM78L12AC	MOTOROLA	MC79L12ACP RA	85079121
N9			MOTOROLA	MC79L05ACP RA	85079050
N10	VOLTAGE REGULATOR FIXED	5V/1A, MC7805, LM340T-5.0	MOTOROLA	MC7805CT (MC7805BT)	31.250

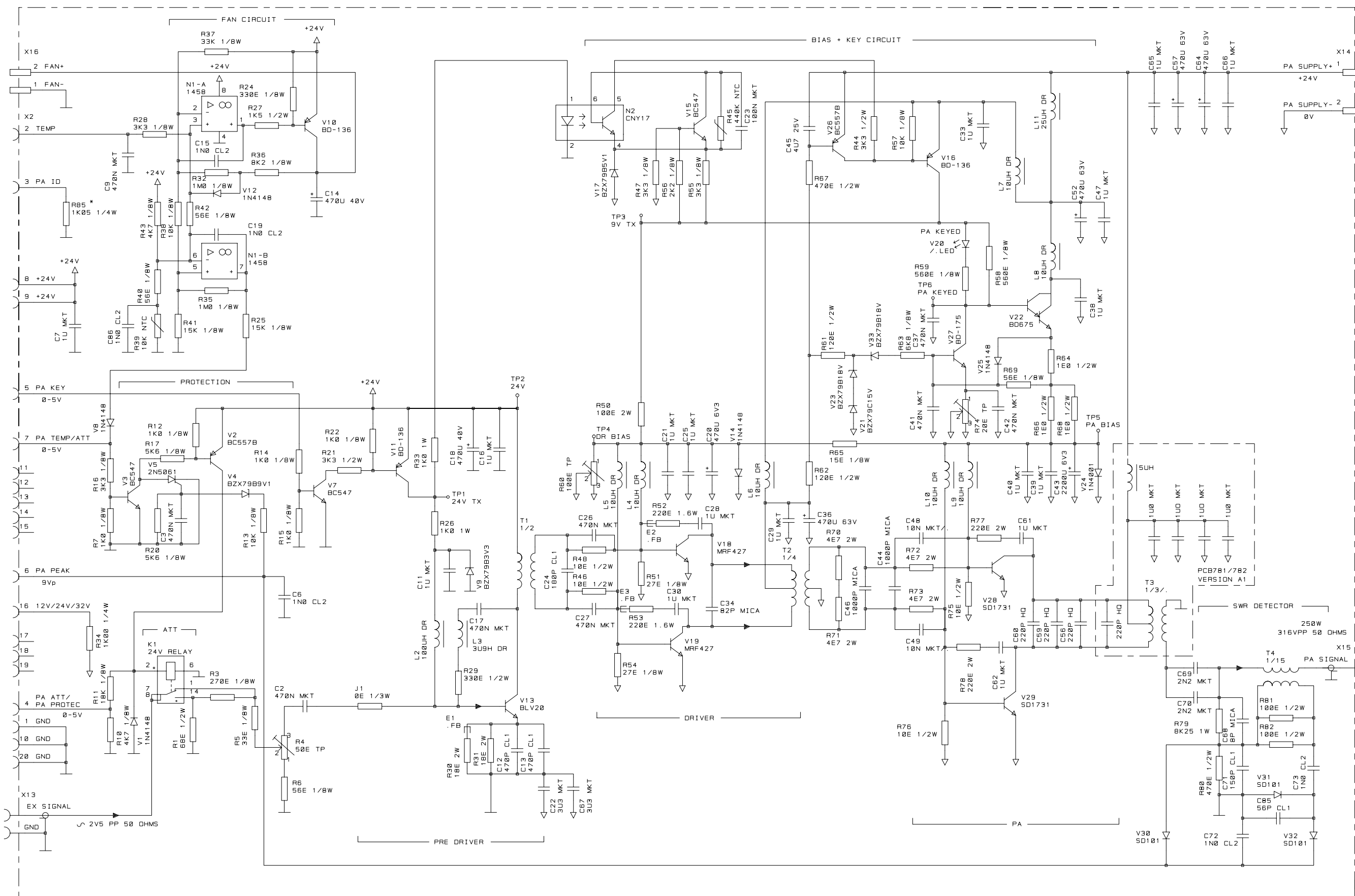
PARTSLIST

POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
N11	OPTOCOUPLER	6N139	HP	6N139	82500004
N12	OPTOCOUPLER	6N139	HP	6N139	82500004
N13	OPTOCOUPLER	6N139	HP	6N139	82500004
N14	DUAL VOLTAGE COMPERATOR	LM2903	MOTOROLA	LM2903DR2(R1)	85890100
N15	OPTOCOUPLER	6N139	HP	6N139	82500004
N16	OPTOCOUPLER	6N139	HP	6N139	82500004
N17	QUAD COMPARATOR	LM2901	MOTOROLA	LM2901DR1(R2)	85890300
Z1	CRYSTAL 32.768 kHz 30ppm		MICRO KRYSTAL	CX-1V-HT	81250200
Z2	CRYSTAL 7.3728MHz 50ppm		JAUCH	SMQ737(7,3728MHZ)	81250400
Z3	CRYSTAL 19.7952MHz 20ppm		TELEQUARTZ	8793002472	81250300



V10,V11,V16,V22,V27 PLACED ON BOTTOM SIDE.

POWER AMPLIFIER BOARD 721
993 872 1X B4
VIEWED FROM TOP SIDE



POWER AMPLIFIER 721
DIA 9938721x B4

PARTS LIST

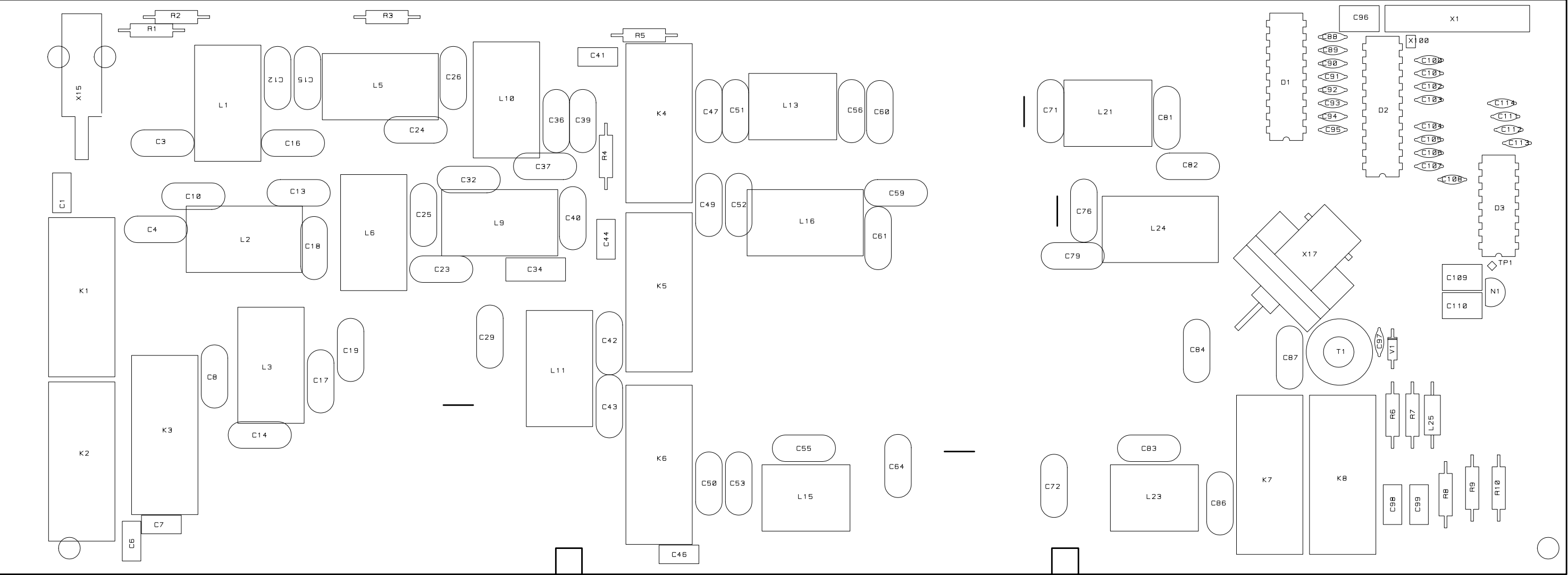
POWER AMPLIFIER BOARD 721				ECI A/S	COMP B4/DIA E	10787211
POSITION	DESCRIPTION			MANUFACTOR	TYPE	PART NO.
C1	CAPACITOR CERAMIC	68pF 2% N150 63VDC	PHILIPS	2222-679-34689		60216800
C2	CAPACITOR MKT	470nF 5% 63VDC	ERO	MKT 1826-447/06 4-G		11.187
C3	CAPACITOR MKT	470nF 5% 63VDC	ERO	MKT 1826-447/06 4-G		11.187
C6	CAPACITOR CERAMIC CL2	1n0F 10% 100V	PHILIPS	2222 630 63102		16.149
C7	CAPACITOR MKT	1u0F 10% 63VDC	ERO	MKT 1818-510/06 5-G		11.138
C9	CAPACITOR MKT	470nF 5% 63VDC	ERO	MKT 1826-447/06 4-G		11.187
C11	CAPACITOR MKT	1u0F 10% 63VDC	ERO	MKT 1818-510/06 5-G		11.138
C12	CAPACITOR CERAMIC	680pF 10% K2000 63VDC	PHILIPS	2222 630 19681		60226800
C13	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)		60224700
C14	ELECTROLYTIC CAPACITOR	470uF 20% 50VDC LOW ESR	NCC	SXE 50 VB-470 M K25 TPAF5		65284701
C15	CAPACITOR CERAMIC CL2	1n0F 10% 100V	PHILIPS	2222 630 63102		16.149
C16	CAPACITOR MKT	1u0F 10% 63VDC	ERO	MKT 1818-510/06 5-G		11.138
C17	CAPACITOR MKT	470nF 5% 63VDC	ERO	MKT 1826-447/06 4-G		11.187
C18	ELECTROLYTIC CAPACITOR	470uF 20% 50VDC LOW ESR	NCC	SXE 50 VB-470 M K25 TPAF5		65284701
C19	CAPACITOR CERAMIC CL2	1n0F 10% 100V	PHILIPS	2222 630 63102		16.149
C20	ELECTROLYTIC CAPACITOR	470uF 20% 6.3VDC	PHILIPS	2222-135-33471		65084701
C21	CAPACITOR MKT	1u0F 10% 63VDC	ERO	MKT 1818-510/06 5-G		11.138
C22	CAPACITOR MKT	3u3F 10% 100VDC	PHILIPS	2222-373-25335		62363300
C23	CAPACITOR MKT	100nF 10% 63VDC	PHILIPS	2222 370 75104 (78104)		11.136
C24	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)		60224700
C25	CAPACITOR MKT	1u0F 10% 63VDC	ERO	MKT 1818-510/06 5-G		11.138
V25	DIODE	1N4148 HIGH SPEED	PHILIPS	1N4148-143		25.131
C26	CAPACITOR MKT	470nF 5% 63VDC	ERO	MKT 1826-447/06 4-G		11.187
C27	CAPACITOR MKT	470nF 5% 63VDC	ERO	MKT 1826-447/06 4-G		11.187
C28	CAPACITOR MKT	1u0F 10% 63VDC	ERO	MKT 1818-510/06 5-G		11.138
C29	CAPACITOR MKT	1u0F 10% 63VDC	ERO	MKT 1818-510/06 5-G		11.138
C30	CAPACITOR MKT	1u0F 10% 63VDC	ERO	MKT 1818-510/06 5-G		11.138
C33	CAPACITOR MKT	1u0F 10% 63VDC	ERO	MKT 1818-510/06 5-G		11.138
C34	CAPACITOR MICA	39pF 2% 500VDC	CORNELL DUBILIE	CD15 E D 390 G 0 3		64513900
C36	CAPACITOR ELECTROLYTIC	470uF -20/+30% 63VDC	PHILIPS	2222 135 38471		14.604
C37	CAPACITOR MKT	470nF 5% 63VDC	ERO	MKT 1826-447/06 4-G		11.187
C38	CAPACITOR MKT	1u0F 10% 63VDC	ERO	MKT 1818-510/06 5-G		11.138
C39	CAPACITOR MKT	1u0F 10% 63VDC	ERO	MKT 1818-510/06 5-G		11.138
C40	CAPACITOR MKT	1u0F 10% 63VDC	ERO	MKT 1818-510/06 5-G		11.138
C41	CAPACITOR MKT	470nF 5% 63VDC	ERO	MKT 1826-447/06 4-G		11.187
C42	CAPACITOR MKT	470nF 5% 63VDC	ERO	MKT 1826-447/06 4-G		11.187
C43	CAPACITOR ELECTROLYTIC	2m2F 20% 6.3VDC	PANASONIC	ECEA0JGE222		65292203
C44	CAPACITOR MICA	1000pF 2% 100VDC	CORNELL DUBILIE	CD15 F A 102 G 0 3		64331000
C45	CAPACITOR TANTALUM	4u7F 20% 16VDC	SPRAGUE	489D475X0016B6V		65164700
C46	CAPACITOR MICA	1000pF 2% 100VDC	CORNELL DUBILIE	CD15 F A 102 G 0 3		64331000
C47	CAPACITOR MKT	1u0F 10% 63VDC	ERO	MKT 1818-510/06 5-G		11.138
C48	CAPACITOR MKC	4n7F 10% 40VDC	WIMA	FKC3 4700/10/400 RM10		62534700
C49	CAPACITOR MKC	4n7F 10% 40VDC	WIMA	FKC3 4700/10/400 RM10		62534700
C52	CAPACITOR ELECTROLYTIC	470uF -20/+30% 63VDC	PHILIPS	2222 135 38471		14.604
C56	CAPACITOR CERAM. SMD 1111	220pF 5% NP0 200VDC	TEKELEC	201-CHB-221-JP		67006100
C57	CAPACITOR ELECTROLYTIC	470uF -20/+30% 63VDC	PHILIPS	2222 135 38471		14.604
C59	CAPACITOR CERAM. SMD 1111	220pF 5% NP0 200VDC	TEKELEC	201-CHB-221-JP		67006100
C60	CAPACITOR CERAM. SMD 1111	220pF 5% NP0 200VDC	TEKELEC	201-CHB-221-JP		67006100
C61	CAPACITOR MKT	1u0F 10% 63VDC	ERO	MKT 1818-510/06 5-G		11.138
C62	CAPACITOR MKT	1u0F 10% 63VDC	ERO	MKT 1818-510/06 5-G		11.138
C64	CAPACITOR ELECTROLYTIC	470uF -20/+30% 63VDC	PHILIPS	2222 135 38471		14.604
C65	CAPACITOR MKT	1u0F 10% 63VDC	ERO	MKT 1818-510/06 5-G		11.138
C66	CAPACITOR MKT	1u0F 10% 63VDC	ERO	MKT 1818-510/06 5-G		11.138
C67	CAPACITOR MKT	3u3F 10% 100VDC	PHILIPS	2222-373-25335		62363300
C68	CAPACITOR MICA	8pF +0.5pF 300VDC	CORNELL DUBILIE	CD15 C C(D) 8R0 D 0 3		64408000
C69	CAPACITOR MKC	2.2nF 10% 400VDC	WIMA	FKC3 2200pF 10% 400V		62532200
C70	CAPACITOR MKC	2.2nF 10% 400VDC	WIMA	FKC3 2200pF 10% 400V		62532200
C71	CAPACITOR CERAMIC	150pF 2% N150 63VDC	PHILIPS	2222-679-34151		60221500
C72	CAPACITOR CERAMIC CL2	1n0F 10% 100V	PHILIPS	2222 630 63102		16.149
C73	CAPACITOR CERAMIC CL2	1n0F 10% 100V	PHILIPS	2222 630 63102		16.149
C85	CAPACITOR CERAMIC	56pF 2% N150 63VDC	PHILIPS	2222-679-34569		60215600
C86	CAPACITOR CERAMIC CL2	1n0F 10% 100V	PHILIPS	2222 630 63102		16.149
E2	FERRITE BEAD		PHILIPS	4322 020 34400		73900000
E3	FERRITE BEAD		PHILIPS	4322 020 34400		73900000
X2	SOCKET 2x10 POLES	RIGHTANGLE PCB VERSION	AMP	9-215460-0 / 2-215460-0		75602004
X13	SOCKET COAX MCX	RIGHT ANGLE PCB VERSION	SUHNER	85MCX-50-0-1/133		75000168
X14	PLUG 1/4" 1 POLE	RIGHT ANGLE	F-LSG-RD	NR.30052 FORTINNET		75000036
X15	SOCKET BNC FLANGED TYPE		SUHNER	23BNC-50-0-12		75000010

PARTSLIST

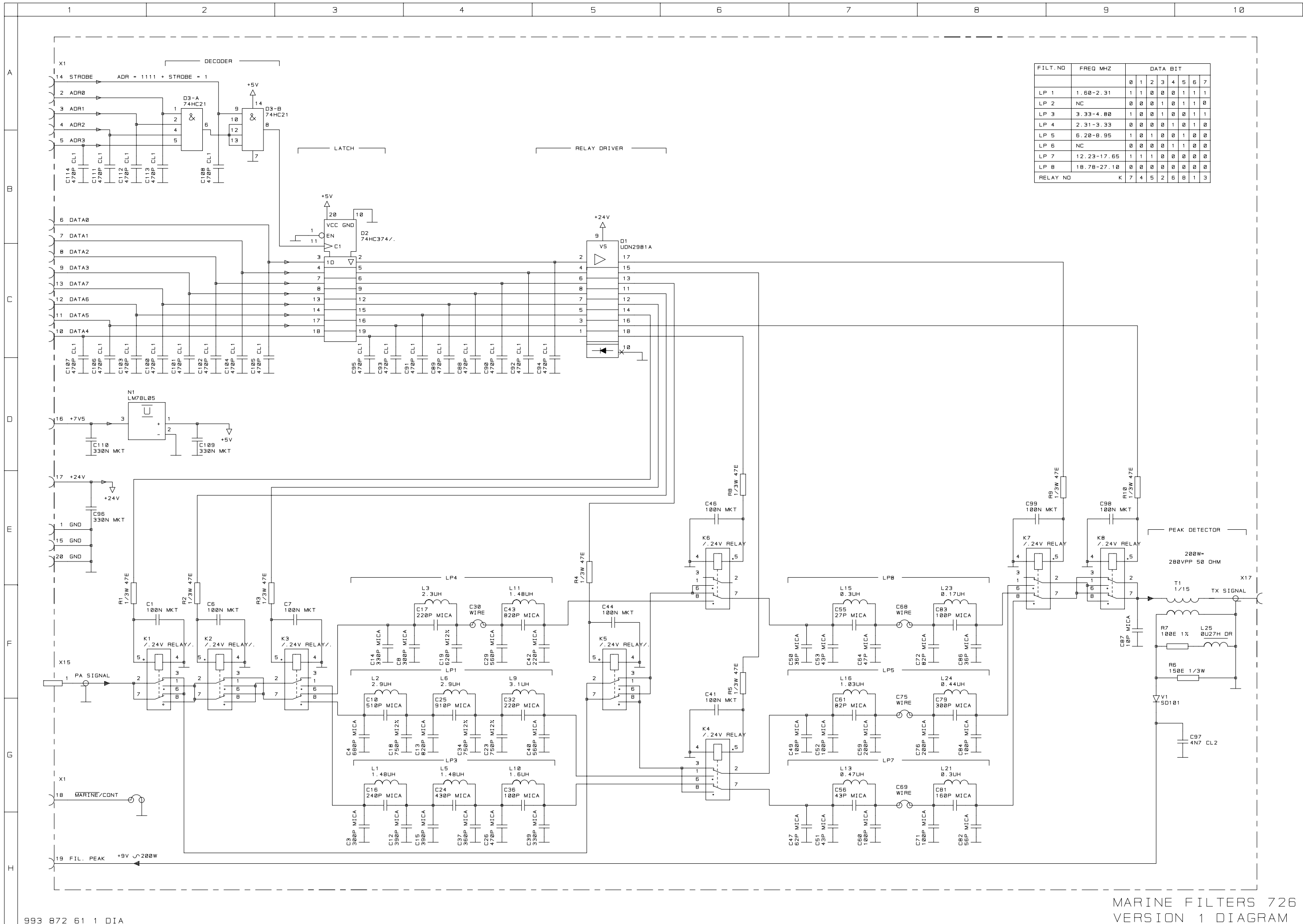
POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
X16	PLUG 2 POLES STRAIGHT	CC=0.1" PCB VERSION	MOLEX	22-27-2021	75100141
J1	RESISTOR	0 OHM	* PHILIPS	2322 181 90018	01.110
K1	REED RELAY SPSH 24VDC		KUAN-HSI	D1C-24V-1	78000031
X140	PLUG 1/4" 1 POLE	RIGHT ANGLE	F•LSG•RD	NR.30052 FORTINNET	75000036
L2	CHOKE FIXED	100uH 10%	SIGMA PRODUCTS	SC60M, 60-0437-10	74021000
L3	CHOKE FIXED	3u9H 10%	SIGMA PRODUCTS	SC30, 30-2520-10	74003900
L4	COIL BEAD 2.5 TURN	>6x10mm	PHILIPS	4312-020-36640	74000000
L5	COIL BEAD 2.5 TURN	>6x10mm	PHILIPS	4312-020-36640	74000000
L6	COIL BEAD 2.5 TURN	>6x10mm	PHILIPS	4312-020-36640	74000000
L7	COIL BEAD 2.5 TURN	>6x10mm	PHILIPS	4312-020-36640	74000000
L8	COIL BEAD 2.5 TURN	>6x10mm	PHILIPS	4312-020-36640	74000000
L9	COIL BEAD 2.5 TURN	>6x10mm	PHILIPS	4312-020-36640	74000000
L10	COIL BEAD 2.5 TURN	>6x10mm	PHILIPS	4312-020-36640	74000000
L11	CHOKE FIXED	25uH 3ADC	SIEMENS	B82111-B-C24	74012500
L14	CHOKE FIXED	220nH 10%	SIEMENS	B78108-T3221-K	74000221
R1	RESISTOR MF	68 OHM 5% 0.5W	PHILIPS	2322-186-16689	50216800
R3	RESISTOR MF	270 OHM 5% 0.33W	PHILIPS	2322 187 73271	02.458
R4	PRESET CERMET	50 OHM 10% 0.5W	BOURNS	3386P-Y91-500	07.882
R5	RESISTOR MF	15 OHM 5% 0.33W	PHILIPS	2322 180 13159	50011500
R6	RESISTOR MF	15 OHM 5% 0.33W	PHILIPS	2322 180 13159	50011500
R7	RESISTOR MF	1k0 OHM 5% 0.33W	PHILIPS	2322 187 73102	02.472
R10	RESISTOR MF	4k7 OHM 5% 0.33W	PHILIPS	2322 187 73472	02.488
R11	RESISTOR MF	18k OHM 5% 0.33W	PHILIPS	2322 187 73183	02.502
R12	RESISTOR MF	1k0 OHM 5% 0.33W	PHILIPS	2322 187 73102	02.472
R13	RESISTOR MF	10k OHM 5% 0.33W	PHILIPS	2322 187 73103	02.496
R14	RESISTOR MF	1k0 OHM 5% 0.33W	PHILIPS	2322 187 73102	02.472
R15	RESISTOR MF	1k0 OHM 5% 0.33W	PHILIPS	2322 187 73102	02.472
R16	RESISTOR MF	3k3 OHM 5% 0.33W	PHILIPS	2322 187 73332	02.484
R17	RESISTOR MF	5k6 OHM 5% 0.33W	PHILIPS	2322 187 73562	02.490
R20	RESISTOR MF	5k6 OHM 5% 0.33W	PHILIPS	2322 187 73562	02.490
R21	RESISTOR MF	3k3 OHM 5% 0.5W	PHILIPS	2322-186-16332	50233300
R22	RESISTOR MF	1k0 OHM 5% 0.33W	PHILIPS	2322 187 73102	02.472
R24	RESISTOR MF	330 OHM 5% 0.33W	PHILIPS	2322 187 73331	02.460
R25	RESISTOR MF	15k OHM 5% 0.33W	PHILIPS	2322 187 73153	02.500
R26	RESISTOR MF	1k0 OHM 5% 0.5W	PHILIPS	2322-194-13102	54431000
R27	RESISTOR MF	1k5 OHM 5% 0.5W	PHILIPS	2322-186-16152	50231500
R28	RESISTOR MF	3k3 OHM 5% 0.33W	PHILIPS	2322 187 73332	02.484
R29	RESISTOR PMF	390 OHM 5% 2W	PHILIPS	2322 194 13391	04.189
R30	RESISTOR PMF	15 OHM 5% 3W	PHILIPS	2322 192 31509	04.654
R31	RESISTOR PMF	15 OHM 5% 3W	PHILIPS	2322 192 31509	04.654
R32	RESISTOR MF	1M OHM 5% 0.33W	PHILIPS	2322 187 73105	02.544
R33	RESISTOR MF	1k0 OHM 5% 0.5W	PHILIPS	2322-194-13102	54431000
R34	RESISTOR MF	1k0 OHM 1% 0.6W	PHILIPS	2322-156-11002	51131000
R35	RESISTOR MF	1M OHM 5% 0.33W	PHILIPS	2322 187 73105	02.544
R36	RESISTOR MF	8k2 OHM 5% 0.33W	PHILIPS	2322 187 73822	02.494
R37	RESISTOR MF	33k OHM 5% 0.33W	PHILIPS	2322 187 73333	02.508
R38	RESISTOR MF	10k OHM 5% 0.33W	PHILIPS	2322 187 73103	02.496
R39	RESISTOR NTC	10k OHM 10%	UEC	TDC 05C310 K	59141000
R40	RESISTOR MF	56 OHM 5% 0.33W	PHILIPS	2322 187 73569	02.442
R41	RESISTOR MF	15k OHM 5% 0.33W	PHILIPS	2322 187 73153	02.500
R42	RESISTOR MF	56 OHM 5% 0.33W	PHILIPS	2322 187 73569	02.442
R43	RESISTOR MF	4k7 OHM 5% 0.33W	PHILIPS	2322 187 73472	02.488
R44	RESISTOR MF	3k3 OHM 5% 0.5W	PHILIPS	2322-186-16332	50233300
R45	RESISTOR NTC	440k 10%	UEI	TDC 05D440K	59154400
R46	RESISTOR MF	10 OHM 5% 0.5W	PHILIPS	2322-186-16109	50211000
R47	RESISTOR MF	3k3 OHM 5% 0.33W	PHILIPS	2322 187 73332	02.484
R48	RESISTOR MF	10 OHM 5% 0.5W	PHILIPS	2322-186-16109	50211000
R50	RESISTOR PMF	100 OHM 5% 3W	PHILIPS	2322-195-13101	54621001
R51	RESISTOR MF	27 OHM 5% 0.33W	PHILIPS	2322 187 73279	02.434
R52	RESISTOR PMF	220 OHM 5% 2W	PHILIPS	2322 194 13221	04.183
R53	RESISTOR PMF	220 OHM 5% 2W	PHILIPS	2322 194 13221	04.183
R51	RESISTOR MF	27 OHM 5% 0.33W	PHILIPS	2322 187 73279	02.434
R55	RESISTOR MF	3k3 OHM 5% 0.33W	PHILIPS	2322 187 73332	02.484
R56	RESISTOR MF	2k2 OHM 5% 0.33W	PHILIPS	2322 187 73222	02.480
R57	RESISTOR MF	10k OHM 5% 0.33W	PHILIPS	2322 187 73103	02.496
R58	RESISTOR MF	560 OHM 5% 0.33W	PHILIPS	2322 187 73561	02.466
P59	RESISTOR MF	560 OHM 5% 0.33W	PHILIPS	2322 187 73561	02.466
R60	PRESET	100 OHM 20% 0.33W	SPECTROL	63P-100R	58221001
R61	RESISTOR MF	120 OHM 5% 0.5W	PHILIPS	2322-186-16121	50221200
R62	RESISTOR MF	120 OHM 5% 0.5W	PHILIPS	2322-186-16121	50221200
R63	RESISTOR MF	6k8 OHM 5% 0.33W	PHILIPS	2322 187 73682	02.492
R64	RESISTOR MF	1R0 OHM 5% 0.5W	PHILIPS	2322-186-16108	50201000
R65	RESISTOR MF	15 OHM 5% 0.33W	PHILIPS	2322 180 13159	50011500
R66	RESISTOR MF	1R0 OHM 5% 0.5W	PHILIPS	2322-186-16108	50201000

PARTSLIST

POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
R67	RESISTOR MF	470 OHM 5% 0.5W	PHILIPS	2322-186-16471	50224700
R68	RESISTOR MF	1R0 OHM 5% 0.5W	PHILIPS	2322-186-16108	50201000
R69	RESISTOR MF	56 OHM 5% 0.33W	PHILIPS	2322 187 73569	02.442
R71	RESISTOR PMF	4R7 5% 3W	PHILIPS	2322-195-13478	54604700
R72	RESISTOR PMF	4R7 5% 3W	PHILIPS	2322-195-13478	54604700
R73	RESISTOR PMF	4R7 5% 3W	PHILIPS	2322-195-13478	54604700
R74	PRESET CERMET	20 OHM 20% 0.5W	BOURNS	3386P-Y91-200	58212000
R75	RESISTOR MF	10 OHM 5% 0.5W	PHILIPS	2322-186-16109	50211000
R76	RESISTOR MF	10 OHM 5% 0.5W	PHILIPS	2322-186-16109	50211000
R77	RESISTOR PMF	220 OHM 5% 3W	PHILIPS	2322-195-13221	54622200
R78	RESISTOR PMF	220 OHM 5% 3W	PHILIPS	2322-195-13221	54622200
R79	RESISTOR MF	8k25 OHM 1% 1W	PHILIPS	2322 153 58252	51338250
R80	RESISTOR MF	470 OHM 5% 0.5W	PHILIPS	2322-186-16471	50224700
R81	RESISTOR MF	100 OHM 5% 0.5W	PHILIPS	2322-186-16101	50221000
R82	RESISTOR MF	100 OHM 5% 0.5W	PHILIPS	2322-186-16101	50221000
R85	RESISTOR MF	1k05 OHM 1% 1W	PHILIPS	2322-156-11052	51131050
R91	RESISTOR MF	18k OHM 5% 0.33W	PHILIPS	2322 187 73183	02.502
V1	DIODE	1N4148 HIGH SPEED	PHILIPS	1N4148-143	25.131
V2	TRANSISTOR AF	BC557B NPN TO-92	MOT.	BC557BZL1	28.091
V3	TRANSISTOR AF	BC547B NPN TO-92	MOT.	BC547BZL1	28.067
V4	DIODE ZENER	9.1V 2% 0.4W, BZX79B9V1	PHILIPS	BZX79B9V1	83279910
V5	SCR 2N5061		MOTOROLA	2N5061RL1	83350610
V7	TRANSISTOR AF	BC547B NPN TO-92	MOT.	BC547BZL1	28.067
V8	DIODE	1N4148 HIGH SPEED	PHILIPS	1N4148-143	25.131
V9	DIODE ZENER	3.3V 2% 0.4W BZX79B3V3	MOTOROLA	BZX79B3V3	83279330
V10	TRANS. AF MP PNP TO126	BD136	PHILIPS	BD136	84201360
V11	TRANS. AF MP PNP TO126	BD136	PHILIPS	BD136	84201360
V12	DIODE	1N4148 HIGH SPEED	PHILIPS	1N4148-143	25.131
V14	DIODE	1N4148 HIGH SPEED	PHILIPS	1N4148-143	25.131
V15	TRANSISTOR AF	BC547B NPN TO-92	MOT.	BC547BZL1	28.067
V16	TRANS. AF MP PNP TO126	BD136	PHILIPS	BD136	84201360
V17	DIODE ZENER	5.1V 2% 0.4W BZX79B5V1	PHILIPS	BZX79B5V1	26.497
V20	DIODE LIGHT EMITTING	RED 1.6mCd/10mA	AEG	TLHR4400(4401) AS12Z(21Z)	82300000
V21	DIODE ZENER	15V 5% 0.4W BZX79C15	MOTOROLA	BZX79C15	26.561
V22	TRANSISTOR AF POWER NPN	DARLINGTON BD675,677,679	MOTOROLA	BD675 (BD677, BD679)	84206750
V23	DIODE ZENER	180V 2% 0.4W, BZX79B18	MOTOROLA	BZX79B18	83279181
V24	DIODE RECTIFIER	50V/1A, 1N4001	PHILIPS	1N4001	83140010
V26	TRANSISTOR AF	BC557B NPN TO-92	MOT.	BC557BZL1	28.091
V27	TRANSISTOR AF POW. NPN	BD179	MOTOROLA	MOTOROLA BD 179	84201750
V30	DIODE SCHOTTKY	40V/2A, SD101C	ITT	SD101C	83001010
V31	DIODE SCHOTTKY	40V/2A, SD101C	ITT	SD101C	83001010
V32	DIODE SCHOTTKY	40V/2A, SD101C	ITT	SD101C	83001010
T1	TRANSFORMER		ECI A/S	103 775 91A	10377591
T2	TRANSFORMER		ECI A/S	103 777 21B	10377721
T3	TRANSFORMER		ECI A/S	103 77 31A	10377731
T4	TRANSFORMER		ECI J	103 574 32	10357432
N1	DUAL OPERATIONAL AMP.	MC1458/LM1458	MOTOROLA	MC1458CP1	31.215
N2	OPTO COUPLER	CNY17-2	MOTOROLA	CNY17-2	32.530



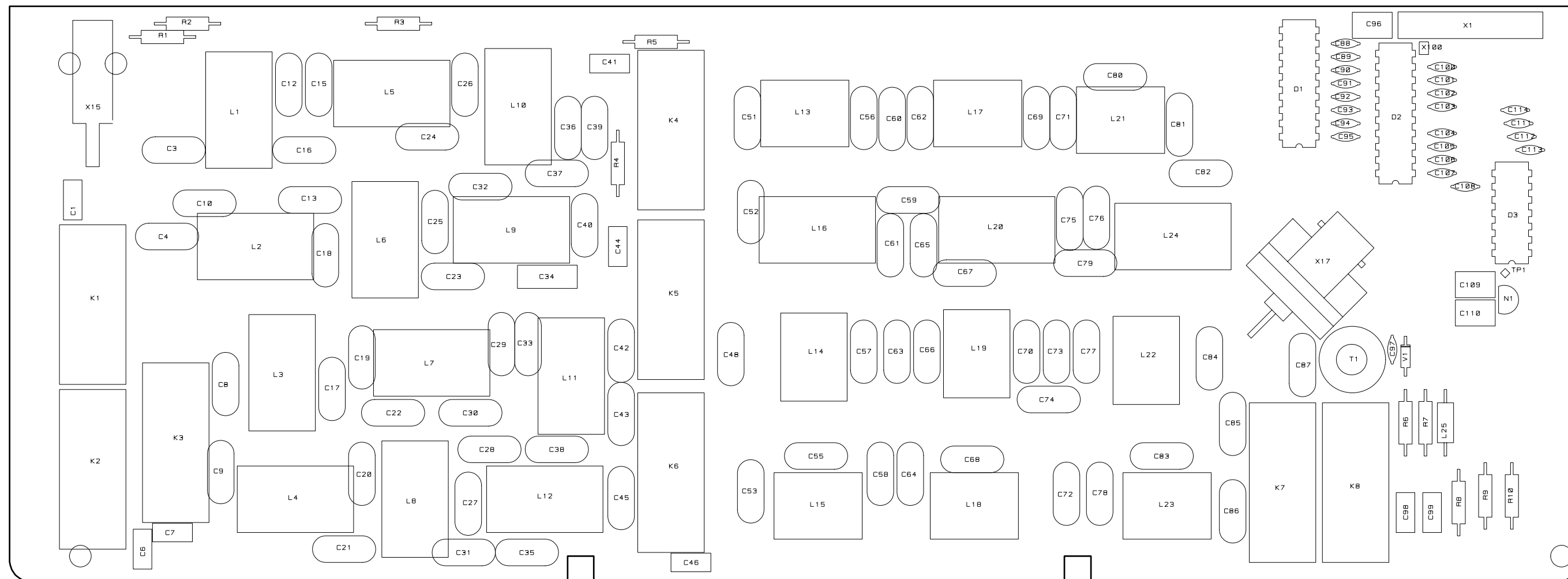
MARINE FILTERS 726
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VIEWED FROM TOP SIDE



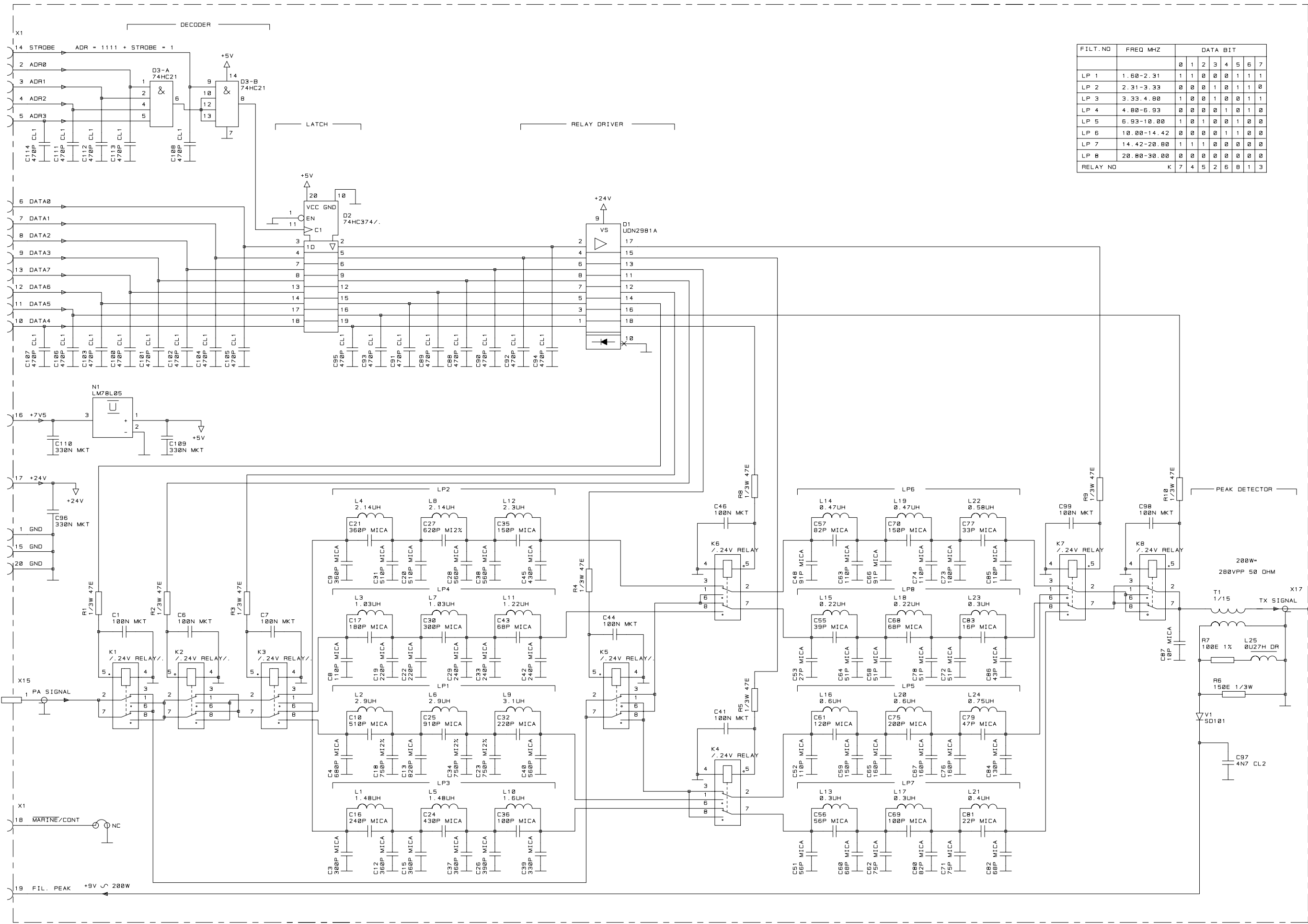
MARINE FILTERS 726
VERSION 1 DIAGRAM

PARTS LIST

MARINE FILTERS 726			ECI A/S		10787261
POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
C1	CAPACITOR MKT	100nF 10% 63VDC	PHILIPS	2222 370 75104 (78104)	11.136
C4	CAPACITOR MICA	680pF 2% 300VDC	CORNELL DUBILIE	CD15 F C 681 G 0 3	64426802
C6	CAPACITOR MKT	100nF 10% 63VDC	PHILIPS	2222 370 75104 (78104)	11.136
C7	CAPACITOR MKT	100nF 10% 63VDC	PHILIPS	2222 370 75104 (78104)	11.136
C10	CAPACITOR MICA	510pF 2% 300VDC	CORNELL DUBILIE	CD15 F D 511 G 0 3	64425101
C41	CAPACITOR MKT	100nF 10% 63VDC	PHILIPS	2222 370 75104 (78104)	11.136
C44	CAPACITOR MKT	100nF 10% 63VDC	PHILIPS	2222 370 75104 (78104)	11.136
C46	CAPACITOR MKT	100nF 10% 63VDC	PHILIPS	2222 370 75104 (78104)	11.136
C88	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C89	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C90	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C91	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C92	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C93	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C94	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C95	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C96	CAPACITOR MKT	330nF 10% 63VDC	PHILIPS	2222 370 78334	11.189
C97	CAPACITOR CERAMIC	4n7F 10% K2000 10VDC	PHILIPS	2222-630-53472	60234702
C98	CAPACITOR MKT	100nF 10% 63VDC	PHILIPS	2222 370 75104 (78104)	11.136
C99	CAPACITOR MKT	100nF 10% 63VDC	PHILIPS	2222 370 75104 (78104)	11.136
C100	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C101	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C102	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C103	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C104	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C105	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C106	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C107	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C108	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C109	CAPACITOR MKT	330nF 10% 63VDC	PHILIPS	2222 370 78334	11.189
C110	CAPACITOR MKT	330nF 10% 63VDC	PHILIPS	2222 370 78334	11.189
C111	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C112	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C113	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C114	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
D1	OCTAL PERIPHERAL DRIVER	UDN2981A, UDN2982A	SPRAGUE	UDN 2981 A	85029810
D2	OCTAL D-FF 3 STATE	74HC374	NATIONAL	NAT: MM 74HC 374 N	85743741
D3	DUAL 4 INPUT AND GATE	74HC21	PHILIPS	74HC21N (PC 74HC 21 P)	85074211
X1	SOCKET 2x10 POLES	RIGHTANGLE PCB VERSION	AMP	9-215460-0 / 2-215460-0	75602004
X17	SOCKET BNC FLANGED TYPE		SUHNER	23BNC-50-0-12	75000010
K1	RELAY DPDT 24VDC/8A		TAKAMISAWA	VB-24STBU	78000037
K2	RELAY DPDT 24VDC/8A		TAKAMISAWA	VB-24STBU	78000037
K3	RELAY DPDT 24VDC/8A		TAKAMISAWA	VB-24STBU	78000037
K4	RELAY DPDT 24VDC/8A		TAKAMISAWA	VB-24STBU	78000037
K5	RELAY DPDT 24VDC/8A		TAKAMISAWA	VB-24STBU	78000037
K6	RELAY DPDT 24VDC/8A		TAKAMISAWA	VB-24STBU	78000037
K7	RELAY DPDT 24VDC/8A		TAKAMISAWA	VB-24STBU	78000037
K8	RELAY DPDT 24VDC/8A		TAKAMISAWA	VB-24STBU	78000037
L13	COIL FIXED	300nH	ECI A/S	103 774 51A	10377451
L23	COIL FIXED	300nH	ECI A/S	103 774 51A	10377451
R1	RESISTOR MF	47 OHM 5% 0.4W	PHILIPS	2322 181 53479	01.166
R2	RESISTOR MF	47 OHM 5% 0.4W	PHILIPS	2322 181 53479	01.166
R3	RESISTOR MF	47 OHM 5% 0.4W	PHILIPS	2322 181 53479	01.166
R4	RESISTOR MF	47 OHM 5% 0.4W	PHILIPS	2322 181 53479	01.166
R5	RESISTOR MF	47 OHM 5% 0.4W	PHILIPS	2322 181 53479	01.166
R8	RESISTOR MF	47 OHM 5% 0.4W	PHILIPS	2322 181 53479	01.166
R9	RESISTOR MF	47 OHM 5% 0.4W	PHILIPS	2322 181 53479	01.166
R10	RESISTOR MF	47 OHM 5% 0.4W	PHILIPS	2322 181 53479	01.166
V1	DIODE SCHOTTKY	40V/2A, SD101C	ITT	SD101C	83001010
T1	TRANSFORMER		ECI J	103 574 32	10357432



CONTINUOUS FILTERS 727
 99387271 1
 VIEWED FROM TOP SIDE



FILT. NO	FREQ MHZ	DATA BIT							
		0	1	2	3	4	5	6	7
LP 1	1.60-2.31	1	1	0	0	0	1	1	1
LP 2	2.31-3.33	0	0	0	1	0	1	1	0
LP 3	3.33-4.00	1	0	0	1	0	0	1	1
LP 4	4.00-6.93	0	0	0	0	1	0	1	0
LP 5	6.93-10.00	1	0	1	0	0	1	0	0
LP 6	10.00-14.42	0	0	0	0	1	1	0	0
LP 7	14.42-20.00	1	1	1	0	0	0	0	0
LP 8	20.00-30.00	0	0	0	0	0	0	0	0
RELAY NO	K	7	4	5	2	6	8	1	3

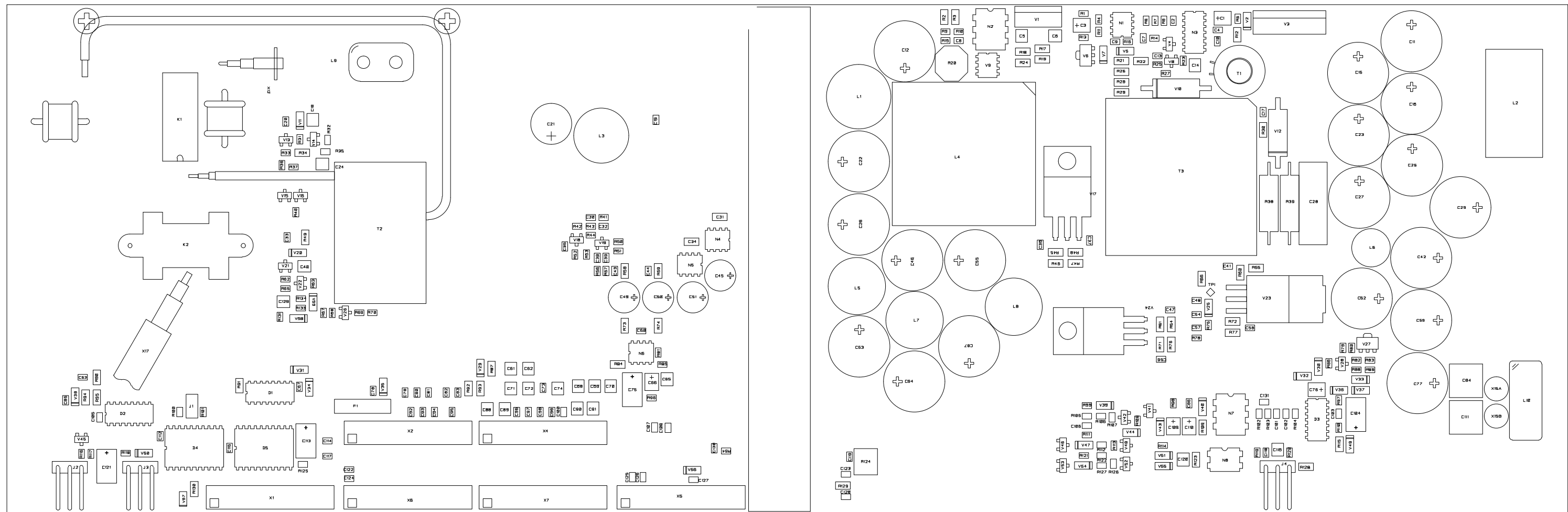
PARTS LIST

CONTINUOUS FILTER 727

ECI A/S

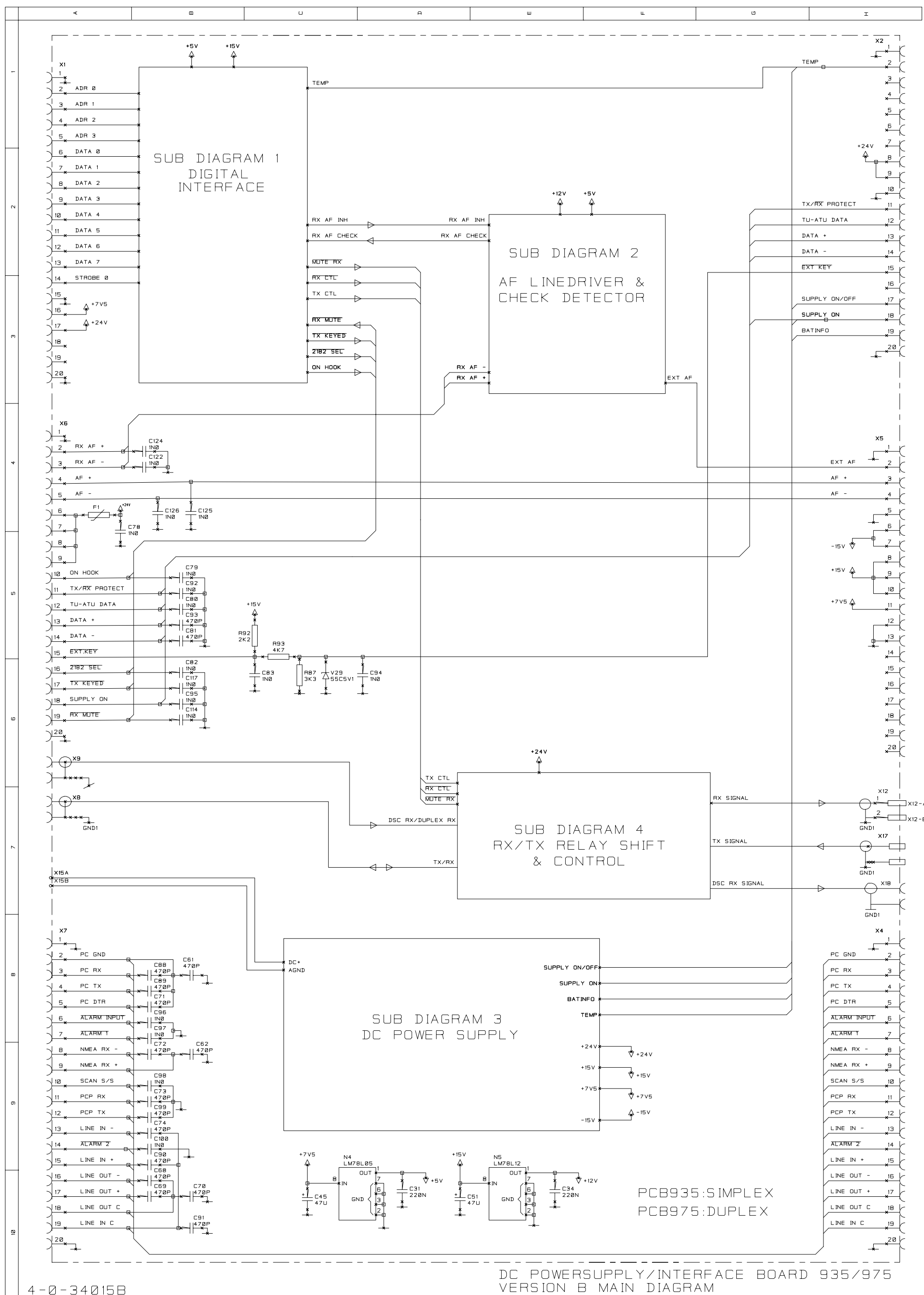
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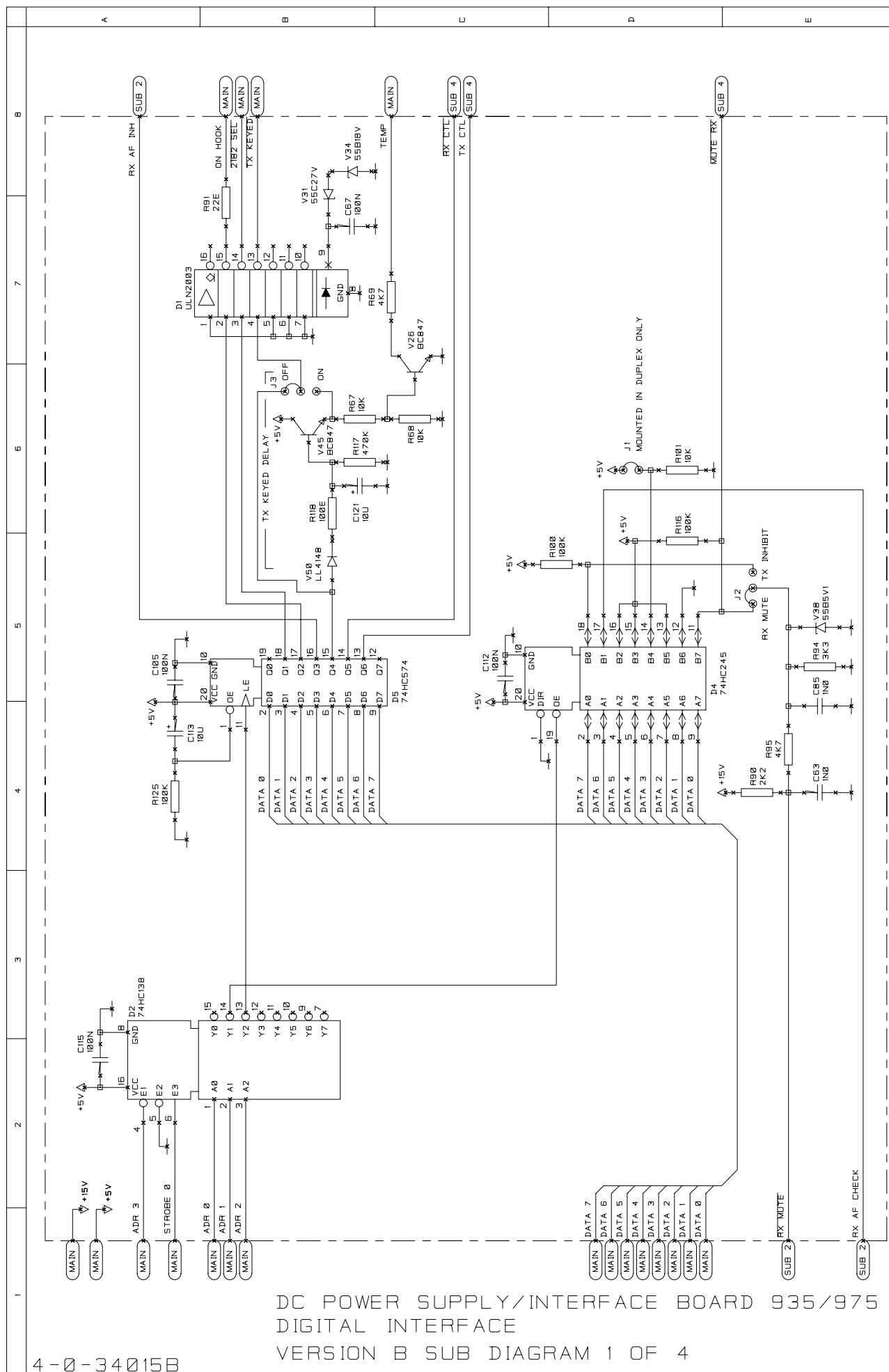
POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
C1	CAPACITOR MKT	100nF 10% 63VDC	PHILIPS	2222 370 75104 (78104)	11.136
C3	CAPACITOR MICA	300pF 2% 500VDC	CORNELL DUBILIE	CD15 F D 301 G 0 3	64523001
C4	CAPACITOR MICA	680pF 2% 300VDC	CORNELL DUBILIE	CD15 F C 681 G 0 3	64426802
C6	CAPACITOR MKT	100nF 10% 63VDC	PHILIPS	2222 370 75104 (78104)	11.136
C7	CAPACITOR MKT	100nF 10% 63VDC	PHILIPS	2222 370 75104 (78104)	11.136
C13	CAPACITOR MICA	820pF 2% 300VDC	CORNELL DUBILIE	CD15 F C 821 G 0 3	64428201
C17	CAPACITOR MICA	180pF 2% 500VDC	CORNELL DUBILIE	CD15 F D 181 G 0 3	64521802
C25	CAPACITOR MICA	910pF 2% 300VDC	SHIN NITTOKU	DM15C911G3	64429100
C26	CAPACITOR MICA	390pF 2% 500VDC	CORNELL DUBILIE	CD15 F D 391 G 0 3	64523901
C28	CAPACITOR MICA	560pF 2% 300VDC	CORNELL DUBILIE	CD15 F C 561 G 0 3	64425601
C30	CAPACITOR MICA	300pF 2% 500VDC	CORNELL DUBILIE	CD15 F D 301 G 0 3	64523001
C38	CAPACITOR MICA	560pF 2% 300VDC	CORNELL DUBILIE	CD15 F C 561 G 0 3	64425601
C39	CAPACITOR MICA	330pF 2% 500VDC	CORNELL DUBILIE	CD15 F D 331 G 0 3	64523301
C40	CAPACITOR MICA	560pF 2% 300VDC	CORNELL DUBILIE	CD15 F C 561 G 0 3	64425601
C41	CAPACITOR MKT	100nF 10% 63VDC	PHILIPS	2222 370 75104 (78104)	11.136
C44	CAPACITOR MKT	100nF 10% 63VDC	PHILIPS	2222 370 75104 (78104)	11.136
C46	CAPACITOR MKT	100nF 10% 63VDC	PHILIPS	2222 370 75104 (78104)	11.136
C81	CAPACITOR MICA	22pF +-0.5pF 500VDC	CORNELL DUBILIE	CD15 E D 220 D 0 3	64512200
C83	CAPACITOR MICA	16pF +-0.5pF 500VDC	CORNELL DUBILIE	CD15 C D 160 D 0 3	64511600
C87	CAPACITOR MICA	10pF +-0.5pF 500VDC	CORNELL DUBILIE	CD15 C D 100 D 0 3	64511000
C88	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C89	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C90	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C91	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C92	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C93	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C94	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C95	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C96	CAPACITOR MKT	330nF 10% 63VDC	PHILIPS	2222 370 78334	11.189
C97	CAPACITOR CERAMIC	4n7F 10% K2000 10VDC	PHILIPS	2222-630-53472	60234702
C98	CAPACITOR MKT	100nF 10% 63VDC	PHILIPS	2222 370 75104 (78104)	11.136
C99	CAPACITOR MKT	100nF 10% 63VDC	PHILIPS	2222 370 75104 (78104)	11.136
C100	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C101	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C102	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C103	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C104	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C105	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C106	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C107	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C108	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C109	CAPACITOR MKT	330nF 10% 63VDC	PHILIPS	2222 370 78334	11.189
C110	CAPACITOR MKT	330nF 10% 63VDC	PHILIPS	2222 370 78334	11.189
C111	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C112	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C113	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
C114	CAPACITOR CERAMIC	470pF 10% K2000 63VDC	PHILIPS	2222-630-53471 (63471)	60224700
D1	OCTAL PERIPHERAL DRIVER	UDN2981A, UDN2982A	SPRAGUE	UDN 2981 A	85029810
D2	OCTAL D-FF 3 STATE	74HC374	NATIONAL	NAT: MM 74HC 374 N	85743741
D3	DUAL 4 INPUT AND GATE	74HC21	PHILIPS	74HC21N (PC 74HC 21 P)	85074211
X1	SOCKET 2x10 POLES	RIGHTANGLE PCB VERSION	AMP	9-215460-0 / 2-215460-0	75602004
X17	SOCKET BNC FLANGED TYPE		SUHNER	23BNC-50-0-12	75000010
K1	RELAY DPDT 24VDC/8A		TAKAMISAWA	VB-24STBU	78000037
K2	RELAY DPDT 24VDC/8A		TAKAMISAWA	VB-24STBU	78000037
K3	RELAY DPDT 24VDC/8A		TAKAMISAWA	VB-24STBU	78000037
K4	RELAY DPDT 24VDC/8A		TAKAMISAWA	VB-24STBU	78000037
K5	RELAY DPDT 24VDC/8A		TAKAMISAWA	VB-24STBU	78000037
K6	RELAY DPDT 24VDC/8A		TAKAMISAWA	VB-24STBU	78000037
K7	RELAY DPDT 24VDC/8A		TAKAMISAWA	VB-24STBU	78000037
K8	RELAY DPDT 24VDC/8A		TAKAMISAWA	VB-24STBU	78000037
R1	RESISTOR MF	47 OHM 5% 0.4W	PHILIPS	2322 181 53479	01.166
R2	RESISTOR MF	47 OHM 5% 0.4W	PHILIPS	2322 181 53479	01.166
R3	RESISTOR MF	47 OHM 5% 0.4W	PHILIPS	2322 181 53479	01.166
R4	RESISTOR MF	47 OHM 5% 0.4W	PHILIPS	2322 181 53479	01.166
R5	RESISTOR MF	47 OHM 5% 0.4W	PHILIPS	2322 181 53479	01.166
R8	RESISTOR MF	47 OHM 5% 0.4W	PHILIPS	2322 181 53479	01.166
R9	RESISTOR MF	47 OHM 5% 0.4W	PHILIPS	2322 181 53479	01.166
R10	RESISTOR MF	47 OHM 5% 0.4W	PHILIPS	2322 181 53479	01.166
V1	DIODE SCHOTTKY	40V/2A, SD101C	ITT	SD101C	83001010
T1	TRANSFORMER		ECI J	103 574 32	10357432



5-6-34015C COMP

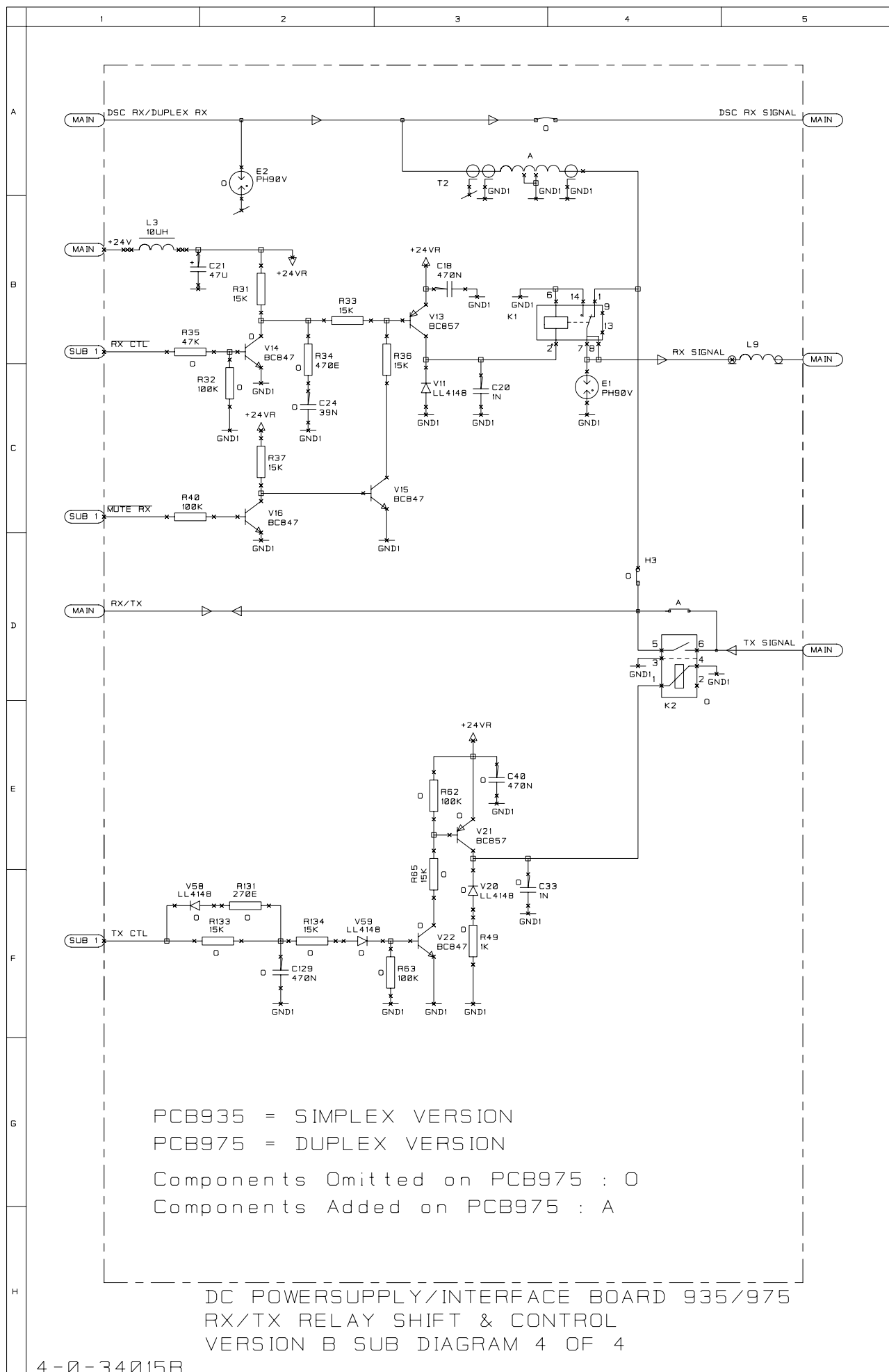
DC POWER SUPPLY/INTERFACE BOARD 935
VERSION C
VIEWED FROM COMPONENT SIDE







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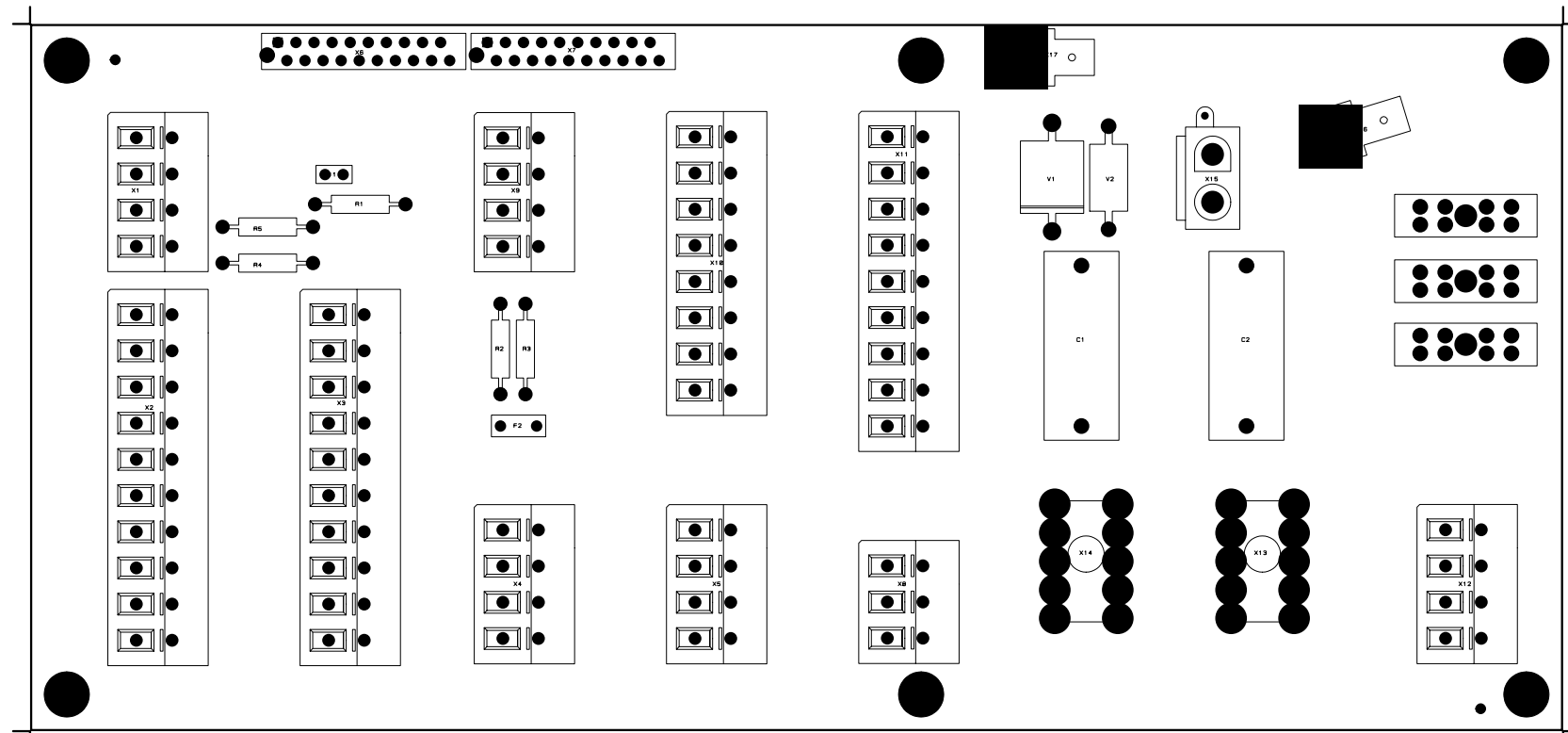


PARTS LIST

DC SMI ASSEMBLY FOR TRANSCEIVER UNIT HT452x		ECI A/S	0-0-32722	732722
POSITION	DESCRIPTION	MANUFACTOR	TYPE	PART NO.
VARIOUS	DC SMPS/INTERFACE 935	ECI A/S	5-6-34015C / 4-0-34015B	634015

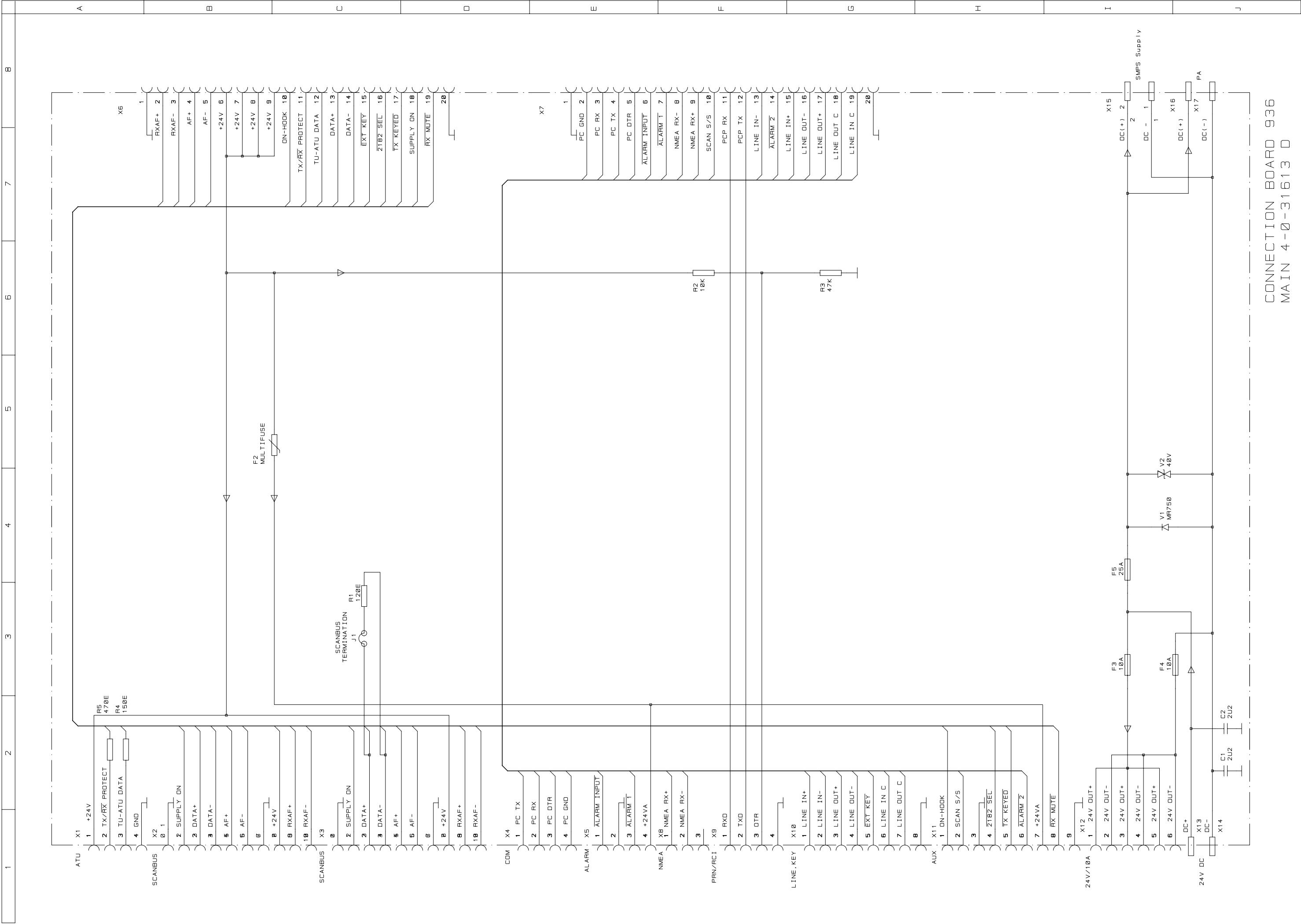
PARTS LIST

DC SMPS/INTERFACE 935			ECI A/S	5-6-34015C / 4-0-34015B	634015
POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
C1	CAPACITOR TANTALUM 3528	1u0F 20% 35VDC	ERO	CB 105035 M E17	67700100
C2	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C3	CAPACITOR TANTALUM 3528	1u0F 20% 35VDC	ERO	CB 105035 M E17	67700100
C4	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C5	CAPACITOR CERAM. SMD 1210	470pF 10% NP0 500V	AVX/KYOCERA	12107A471KAT2A	67010200
C6	CAPACITOR CERAM. SMD 1210	470pF 10% NP0 500V	AVX/KYOCERA	12107A471KAT2A	67010200
C7	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C8	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C9	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C10	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C11	ELECTROLYTIC CAPACITOR	470uF 20% 50VDC LOW ESR	NCC	SXE 50 VB-470 M K25 TPAF5	65284701
C12	ELECTROLYTIC CAPACITOR	470uF 20% 50VDC LOW ESR	NCC	SXE 50 VB-470 M K25 TPAF5	65284701
C13	CAPACITOR CERAM. SMD 0805	470pF 10% NP0 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C14	CAPACITOR CERAM. SMD 1210	3n9F 5% NP0 50VDC	VITRAMON	VJ 1210 A 392 J X A T	67002100
C15	ELECTROLYTIC CAPACITOR	470uF 20% 50VDC LOW ESR	NCC	SXE 50 VB-470 M K25 TPAF5	65284701
C16	ELECTROLYTIC CAPACITOR	470uF 20% 50VDC LOW ESR	NCC	SXE 50 VB-470 M K25 TPAF5	65284701
C17	CAPACITOR CERAM. SMD 0805	2n2F 10% X7R 50VDC	MURATA	GRM40 X7R 222 K 50 PT	328.328
C18	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C19	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C20	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C21	CAPACITOR ELECTROLYTIC	47uF -20+50% 40VDC	PHILIPS	2222-116-31479	65274701
C22	ELECTROLYTIC CAPACITOR	470uF 20% 50VDC LOW ESR	NCC	SXE 50 VB-470 M K25 TPAF5	65284701
C23	ELECTROLYTIC CAPACITOR	470uF 20% 50VDC LOW ESR	NCC	SXE 50 VB-470 M K25 TPAF5	65284701
C24	CAPACITOR CERAM. SMD 1210	39nF 10% X7R 50VDC	VITRAMON	VJ 1210 Y 393 K X A T	328.907
C25	ELECTROLYTIC CAPACITOR	470uF 20% 50VDC LOW ESR	NCC	SXE 50 VB-470 M K25 TPAF5	65284701
C26	ELECTROLYTIC CAPACITOR	470uF 20% 50VDC LOW ESR	NCC	SXE 50 VB-470 M K25 TPAF5	65284701
C27	ELECTROLYTIC CAPACITOR	470uF 20% 50VDC LOW ESR	NCC	SXE 50 VB-470 M K25 TPAF5	65284701
C28	CAPACITOR MKP	47nF 10% 400VDC	WIMA	MKP10 0,047/10/400 RM15	62444702
C29	ELECTROLYTIC CAPACITOR	470uF 20% 50VDC LOW ESR	NCC	SXE 50 VB-470 M K25 TPAF5	65284701
C30	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C31	CAPACITOR CERAM. SMD 1206	220nF 10% X7R 16VDC	ROHM	MCH31 2 C 224 K P(K) (MCH31 3 C 224 K K)	328.689
C32	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C33	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C34	CAPACITOR CERAM. SMD 1206	220nF 10% X7R 16VDC	ROHM	MCH31 2 C 224 K P(K) (MCH31 3 C 224 K K)	328.689
C35	CAPACITOR CERAM. SMD 0805	47nF 10% X7R 50VDC	MURATA	GRM40 X7R 473 K 50 PT	328.344
C36	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C37	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C38	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C39	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C40	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C41	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C42	ELECTROLYTIC CAPACITOR	470uF 20% 50VDC LOW ESR	NCC	SXE 50 VB-470 M K25 TPAF5	65284701
C43	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C44	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C45	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C46	ELECTROLYTIC CAPACITOR	470uF 20% 50VDC LOW ESR	NCC	SXE 50 VB-470 M K25 TPAF5	65284701
C47	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C48	CAPACITOR CERAM. SMD 0805	220pF 2% NP0 50VDC	AVX	CM 21 CG 221 G 50 A T	67006400
C49	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C50	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C51	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C52	ELECTROLYTIC CAPACITOR	470uF 20% 50VDC LOW ESR	NCC	SXE 50 VB-470 M K25 TPAF5	65284701
C53	ELECTROLYTIC CAPACITOR	470uF 20% 50VDC LOW ESR	NCC	SXE 50 VB-470 M K25 TPAF5	65284701
C54	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C55	ELECTROLYTIC CAPACITOR	470uF 20% 50VDC LOW ESR	NCC	SXE 50 VB-470 M K25 TPAF5	65284701
C56	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C57	CAPACITOR CERAM. SMD 0805	47nF 10% X7R 50VDC	MURATA	GRM40 X7R 473 K 50 PT	328.344
C58	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C59	ELECTROLYTIC CAPACITOR	470uF 20% 50VDC LOW ESR	NCC	SXE 50 VB-470 M K25 TPAF5	65284701
C60	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C61	CAPACITOR CERAM. SMD 1210	470pF 10% NP0 500V	AVX/KYOCERA	12107A471KAT2A	67010200
C62	CAPACITOR CERAM. SMD 1210	470pF 10% NP0 500V	AVX/KYOCERA	12107A471KAT2A	67010200
C63	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C64	ELECTROLYTIC CAPACITOR	470uF 20% 50VDC LOW ESR	NCC	SXE 50 VB-470 M K25 TPAF5	65284701
C65	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C66	CAPACITOR TANTALUM 3528	1u0F 20% 35VDC	ERO	CB 105035 M E17	67700100



5-6-31613C

CONNECTION BOARD 936
VERSION C
VIEWED FROM TOP SIDE



CONNECTION BOARD 936
MAIN 4-0-31613 D

PARTS LIST

CONNECTION BOARD 936			ECI A/S	5-6-31613E / 4-0-31613D	631613
POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
C1	CAPACITOR MKT	2u2F 10% 100VDC	ERO	MKT 1822-522/01 5 R	11.142
C2	CAPACITOR MKT	2u2F 10% 100VDC	ERO	MKT 1822-522/01 5 R	11.142
F2	RESISTOR PTC	3.1 OHM 250mA/50V	BOURNS	MF-R025	72090000
F3	ATO BLADE FUSE 10AF RED	COLOURED RED	LITTELFUSE	257010	45.663
F3	FUSE HOLDER 1 POLE	ATO BLADE FUSES	PUDENZ	178.6165.0001 (.0002)	78.499
F4	ATO BLADE FUSE 10AF RED	COLOURED RED	LITTELFUSE	257010	45.663
F4	FUSE HOLDER 1 POLE	ATO BLADE FUSES	PUDENZ	178.6165.0001 (.0002)	78.499
F5	ATO BLADE FUSE 25AF	COLOURED CLEAR/WHITE	LITTELFUSE	257025	45.666
F5	FUSE HOLDER 1 POLE	ATO BLADE FUSES	PUDENZ	178.6165.0001 (.0002)	78.499
X1	TERMINAL BLOCK PCB VERS.	6 POLES 1.5mm2	WAGO	236-406	81.136
X2	TERMINAL BLOCK PCB VERS.	10 POLES 1.5mm2	WAGO	236-410	81.140
X3	TERMINAL BLOCK PCB VERS.	10 POLES 1.5mm2	WAGO	236-410	81.140
X4	TERMINAL BLOCK PCB VERS.	4 POLES 1.5mm2	WAGO	236-404	81.134
X5	TERMINAL BLOCK PCB VERS.	4 POLES 1.5mm2	WAGO	236-404	81.134
X6	INTERCONNECTION CABLE	20 POLE FOR 631613	ECI A/S	3-0-33929D	533929
X7	INTERCONNECTION CABLE	20 POLE FOR 631613	ECI A/S	3-0-33929D	533929
X8	TERMINAL BLOCK PCB VERS.	3 POLES 1.5mm2	WAGO	236-403	81.133
X9	TERMINAL BLOCK PCB VERS.	4 POLES 1.5mm2	WAGO	236-404	81.134
X10	TERMINAL BLOCK PCB VERS.	8 POLES 1.5mm2	WAGO	236-408	81.138
X11	TERMINAL BLOCK PCB VERS.	9 POLES 1.5mm2	WAGO	236-409	81.139
X12	TERMINAL BLOCK PCB VERS.	4 POLES 1.5mm2	WAGO	236-404	81.134
X13	CONNECTION ELEMENT	FOR M5 SCREW	ESPERA	1-0-25860	225860
X14	CONNECTION ELEMENT	FOR M5 SCREW	ESPERA	1-0-25860	225860
X15	PLUG 2 POLES	PCB VERSION	MOLEX	15-31-1206	78.778
X16	PLUG 1/4" 1 POLE	RIGHT ANGLE	F•LSG•RD	NR,30052 FORTINNET	75000036
X17	PLUG 1/4" 1 POLE	RIGHT ANGLE	F•LSG•RD	NR,30052 FORTINNET	75000036
J1	SHUNT FEMALE 2 POLES		AMP	0-0142270-1	75000031
J1	SIL SQUARE PINS	2 POLES CC=1/10"	AMP	0-826629-2 (0-826647-2)	78.322
R1	RESISTOR MF	120 OHM 5% 0.4W	PHILIPS	2322 181 53121	01.177
R2	RESISTOR MF	10k OHM 5% 0.4W	PHILIPS	2322 181 53103	01.225
R3	RESISTOR MF	47k OHM 5% 0.4W	PHILIPS	2322 181 53473	01.241
R4	RESISTOR MF	150 OHM 5% 0.4W	PHILIPS	2322 181 53151	01.179
R5	RESISTOR MF	470 OHM 5% 0.4W	PHILIPS	2322 181 53471	01.191
V1	DIODE RECTIFIER 50V/6ADC	MR750, RL750	MOTOROLA	MR750 (51,52,54,56,60)	25.219
V2	TRANSORBER BIDIR.40V/1k5W	1.5KE42	SGS	1.5 KE 43 CP	83900005

PARTSLIST

POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
C67	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C68	CAPACITOR CERAM. SMD 1210	470pF 10% NP0 500V	AVX/KYOCERA	12107A471KAT2A	67010200
C69	CAPACITOR CERAM. SMD 1210	470pF 10% NP0 500V	AVX/KYOCERA	12107A471KAT2A	67010200
C70	CAPACITOR CERAM. SMD 1210	470pF 10% NP0 500V	AVX/KYOCERA	12107A471KAT2A	67010200
C71	CAPACITOR CERAM. SMD 1210	470pF 10% NP0 500V	AVX/KYOCERA	12107A471KAT2A	67010200
C72	CAPACITOR CERAM. SMD 1210	470pF 10% NP0 500V	AVX/KYOCERA	12107A471KAT2A	67010200
C73	CAPACITOR CERAM. SMD 0805	470pF 10% NP0 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C74	CAPACITOR CERAM. SMD 1210	470pF 10% NP0 500V	AVX/KYOCERA	12107A471KAT2A	67010200
C75	CAPACITOR TANTALUM	10uF 10% 25VDC	SIEMENS	B45196-B5106-K409	67700300
C76	CAPACITOR TANTALUM 3528	1u0F 20% 35VDC	ERO	CB 105035 M E17	67700100
C77	ELECTROLYTIC CAPACITOR	470uF 20% 50VDC LOW ESR	NCC	SXE 50 VB-470 M K25 TPAF5	65284701
C78	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C79	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C80	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C81	CAPACITOR CERAM. SMD 0805	470pF 10% NP0 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C82	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C83	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C84	CAPACITOR MKT	1u0F 10% 100VDC	ROEDERSTEIN	MKT1826-510/015	62361003
C85	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C86	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C87	ELECTROLYTIC CAPACITOR	470uF 20% 50VDC LOW ESR	NCC	SXE 50 VB-470 M K25 TPAF5	65284701
C88	CAPACITOR CERAM. SMD 1210	470pF 10% NP0 500V	AVX/KYOCERA	12107A471KAT2A	67010200
C89	CAPACITOR CERAM. SMD 1210	470pF 10% NP0 500V	AVX/KYOCERA	12107A471KAT2A	67010200
C90	CAPACITOR CERAM. SMD 1210	470pF 10% NP0 500V	AVX/KYOCERA	12107A471KAT2A	67010200
C91	CAPACITOR CERAM. SMD 1210	470pF 10% NP0 500V	AVX/KYOCERA	12107A471KAT2A	67010200
C92	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C93	CAPACITOR CERAM. SMD 0805	470pF 10% NP0 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C94	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C95	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C96	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C97	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C98	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C99	CAPACITOR CERAM. SMD 0805	470pF 10% NP0 50VDC	VITRAMON	VJ0805A471KXAT(M)	67008300
C100	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C101	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C102	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C103	CAPACITOR CERAM. SMD 0805	470pF 10% X7R 50VDC	MURATA	GRM40 X7R 471 K 50 PT	328.320
C104	CAPACITOR TANTALUM	10uF 10% 25VDC	SIEMENS	B45196-B5106-K409	67700300
C105	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C106	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C107	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C108	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C109	CAPACITOR TANTALUM 3528	1u0F 20% 35VDC	ERO	CB 105035 M E17	67700100
C110	CAPACITOR TANTALUM 3528	1u0F 20% 35VDC	ERO	CB 105035 M E17	67700100
C111	CAPACITOR MKT	1u0F 10% 100VDC	ROEDERSTEIN	MKT1826-510/015	62361003
C112	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C113	CAPACITOR TANTALUM	10uF 10% 25VDC	SIEMENS	B45196-B5106-K409	67700300
C114	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C115	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C116	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C117	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C118	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C119	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C120	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C121	CAPACITOR TANTALUM	10uF 10% 25VDC	SIEMENS	B45196-B5106-K409	67700300
C122	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C123	CAPACITOR CERAM. SMD 0805	220pF 2% NP0 50VDC	AVX	CM 21 CG 221 G 50 A T	67006400
C124	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C125	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C126	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C127	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C128	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C129	CAPACITOR CERAM. SMD 1210	470nF 20% X7R 25VDC	VITRAMON	VJ 1210 Y 474 M X X T	328.938
C130	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C131	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
D1	POW.DARLINGTON DRIVER x 7	ULN2003A/MC1413	TEXAS	ULN2003AD R	85990500
D2	3 TO 8 LINE DECODER	74HC138	TEXAS	SN74HC138D R	355.235
D3	DUAL D-FF SET/RESET	74HC74	MOTOROLA	MC74HC74D R2	355.223
D4	OCTAL BUS TRANSCEIVER	74HC245	TEXAS	SN74HC245DW R	85981500
D5	OCTAL D-FF POS. EDGE TRIG	74HC574	TEXAS	SN74HC574DWR	85980400
E1	NEON BULB 90V		SIEMENS	B1-C90 Q69-X184	72200000
E2	NEON BULB 90V		SIEMENS	B1-C90 Q69-X184	72200000
F1	RESISTOR PTC	60m OHM 3A/30V	BOURNS	MF-R300	07.156
X1	SOCKET 2x10 POLES	RIGHTANGLE PCB VERSION	AMP	9-215460-0 / 2-215460-0	75602004

PARTSLIST

POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
X2	SOCKET 2x10 POLES	RIGHTANGLE PCB VERSION	AMP	9-215460-0 / 2-215460-0	75602004
X4	SOCKET 2x10 POLES	RIGHTANGLE PCB VERSION	AMP	9-215460-0 / 2-215460-0	75602004
X5	SOCKET 2x10 POLES	RIGHTANGLE PCB VERSION	AMP	9-215460-0 / 2-215460-0	75602004
X6	SOCKET 2x10 POLES	RIGHTANGLE PCB VERSION	AMP	9-215460-0 / 2-215460-0	75602004
X7	SOCKET 2x10 POLES	RIGHTANGLE PCB VERSION	AMP	9-215460-0 / 2-215460-0	75602004
X8	ANTENNA JACK (FEMALE)	SO239	KAJ V HANSEN	SO239	78.504
X9	ANTENNA JACK (FEMALE)	SO239	KAJ V HANSEN	SO239	78.504
X12	COAX CABLE RG 178	MCX FEMALE, L=419mm	ELFAC A/S	3-0-34065D	56.107
X15	DC CABLE 34081	L=360mm	ECI A/S	3-0-34081C	534081
X17	PA COAX 34066	L=210,5mm	ECI A/S	3-0-34066C	534066
X18	COAX CABLE RG 178	MCX FEMALE L=343.5mm	ELFAC A/S	3-0-34064D	56.106
J1	SIL SQUARE PINS	2 POLES CC=1/10"	AMP	0-826629-2 (0-826647-2)	78.322
J2	SHUNT FEMALE 2 POLES		AMP	0-0142270-1	75000031
J2	PLUG 36 POLES RIGHT ANGLE	CC=2.54mm	BERG	77315-802-36	75100125
J3	SHUNT FEMALE 2 POLES		AMP	0-0142270-1	75000031
J3	PLUG 36 POLES RIGHT ANGLE	CC=2.54mm	BERG	77315-802-36	75100125
J4	SHUNT FEMALE 2 POLES		AMP	0-0142270-1	75000031
J4	PLUG 36 POLES RIGHT ANGLE	CC=2.54mm	BERG	77315-802-36	75100125
K1	REED RELAY SPSH 24VDC		KUAN-HSI	D1C-24V-1	78000031
K2	REED RELAY 24VDC	1MAKE 3A/250VRF	CRYDOM LTD	FRS 42085	37377351
L1	CHOKE FIXED	10uH 10% 6.5A	SUMIDA	HKS-999-090	20.249
L2			ECI A/S	FT12281014B	37378011
L3	CHOKE FIXED	10uH 20%/2.5ADC	SUMIDA	373 780 11B RCH-875-100M	74011005
L4	CHOKE COMMON MODE		KOHSEL	RM12-5594	22.198
L5	CHOKE FIXED	10uH 20%/5ADC	SUMIDA	RCH-110 100M	74011007
L6	CHOKE FIXED	220uH 10% /0.5ADC	SUMIDA	RCH-895 221K	20.383
L7	CHOKE FIXED	10uH 20%/5ADC	SUMIDA	RCH-110 100M	74011007
L8	CHOKE FIXED	10uH 20%/5ADC	SUMIDA	RCH-110 100M	74011007
L9				13/10 MM REIFET PX54	73200029
L10				B64290-K45-X830	73200031
R1	RESISTOR SMD 0805	5k6 OHM 5% 0.1W	ROHM	MCR 10 EZH J 562	302.057
R2	RESISTOR SMD 1206	1k2 OHM 5% 0.25W	ROHM	MCR 18 EZH J 122	303.049
R3	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R4	RESISTOR SMD 0805	12k OHM 5% 0.1W	ROHM	MCR 10 EZH J 123	302.061
R5	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R6	RESISTOR SMD 0805	3k9 OHM 5% 0.1W	ROHM	MCR 10 EZH J 392	302.055
R7	RESISTOR SMD 0805	5k6 OHM 5% 0.1W	ROHM	MCR 10 EZH J 562	302.057
R8	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R9	RESISTOR SMD 0805	22k OHM 5% 0.1W	ROHM	MCR 10 EZH J 223	302.064
R10	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R11	RESISTOR SMD 0805	39k OHM 5% 0.1W	ROHM	MCR 10 EZH J 393	302.067
R12	RESISTOR SMD 1206	10 OHM 5% 0.25W	ROHM	MCR18	57004800
R13	RESISTOR SMD 0805	220k OHM 5% 0.1W	ROHM	MCR 10 EZH J 224	302.076
R14	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R15	RESISTOR SMD 0805	3k9 OHM 5% 0.1W	ROHM	MCR 10 EZH J 392	302.055
R16	RESISTOR SMD 0805	220k OHM 5% 0.1W	ROHM	MCR 10 EZH J 224	302.076
R17	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R18	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R19	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R20				GF06P-102-M	58331001
R21	RESISTOR SMD 1206	56 OHM 5% 0.25W	ROHM	MCR18	57000700
R22	RESISTOR SMD 1206	470 OHM 5% 0.25W	ROHM	MCR18 EZH J 471	57001500
R23	RESISTOR SMD 0805	3k92 OHM 1% 50mW	PHILIPS	2322 734 2/63922	302.427
R24	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R25	RESISTOR SMD 0805	3k3 OHM 5% 0.1W	ROHM	MCR 10 EZH J 332	302.054
R26				MCR18	57000000
R27	RESISTOR SMD 0805	3k3 OHM 5% 0.1W	ROHM	MCR 10 EZH J 332	302.054
R28				MCR18	57000000
R29				MCR18	57000000
R30	RESISTOR SMD 1206	10 OHM 5% 0.25W	ROHM	MCR18	57004800
R31	RESISTOR SMD 0805	15k OHM 5% 0.1W	ROHM	MCR 10 EZH J 153	302.062
R32	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R33	RESISTOR SMD 0805	15k OHM 5% 0.1W	ROHM	MCR 10 EZH J 153	302.062
R34	RESISTOR SMD 1206	470 OHM 5% 0.25W	ROHM	MCR18 EZH J 471	57001500
R35	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R36	RESISTOR SMD 0805	15k OHM 5% 0.1W	ROHM	MCR 10 EZH J 153	302.062
R37	RESISTOR SMD 0805	15k OHM 5% 0.1W	ROHM	MCR 10 EZH J 153	302.062
R38				2322-194-13102	51431000
R39				2322-194-13102	51431000
R40	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R41	RESISTOR SMD 0805	22k OHM 5% 0.1W	ROHM	MCR 10 EZH J 223	302.064

PARTSLIST

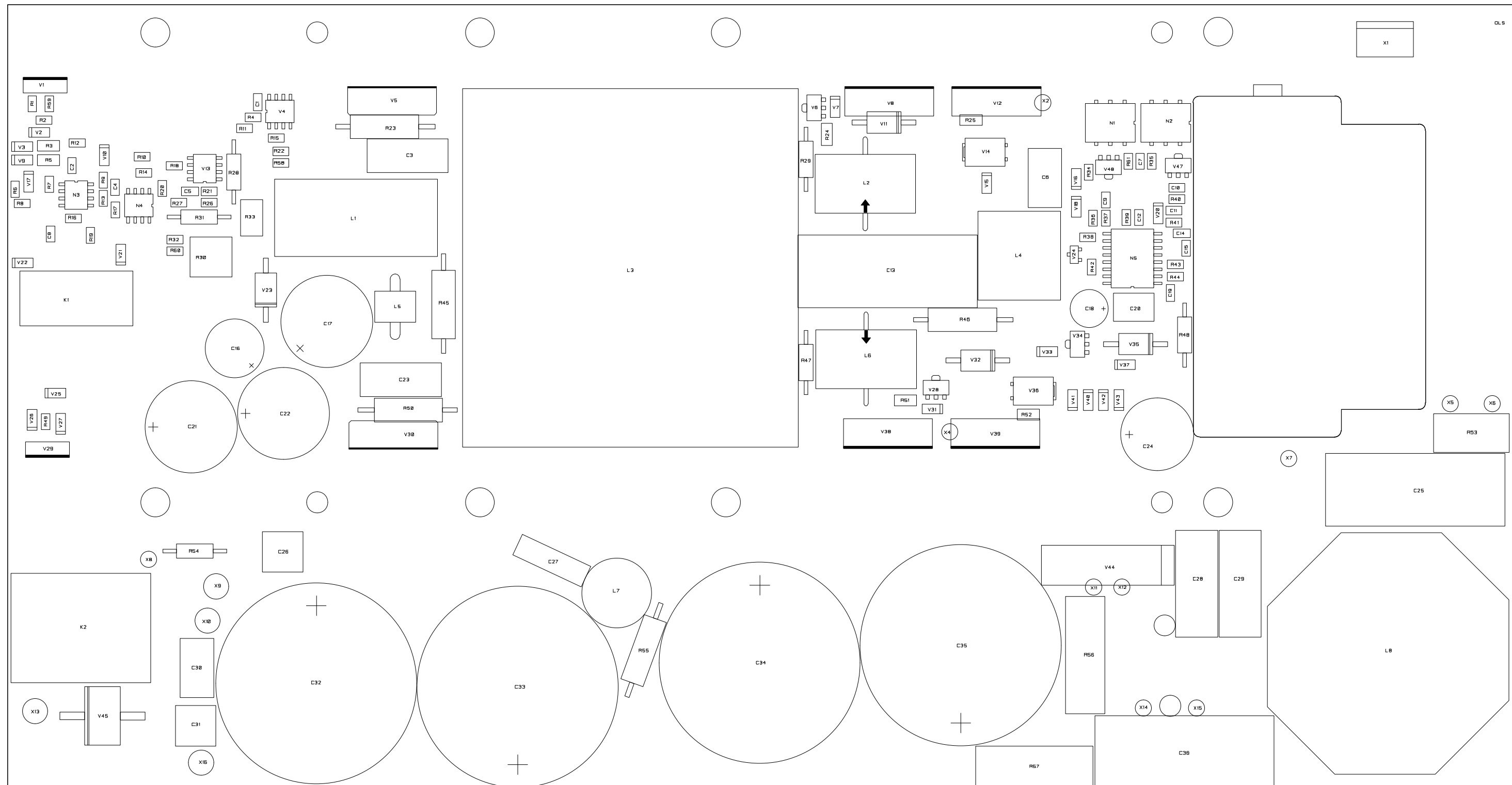
POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
R42	RESISTOR SMD 0805	33k OHM 5% 0.1W	ROHM	MCR 10 EZH J 333	302.066
R43	RESISTOR SMD 0805	470k OHM 5% 0.1W	ROHM	MCR 10 EZH J 474	302.080
R44	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R45	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R46	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R47	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R48	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R49	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R50	RESISTOR SMD 0805	18k OHM 5% 0.1W	ROHM	MCR 10 EZH J 183	302.063
R51	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R52	RESISTOR SMD 0805	470k OHM 5% 0.1W	ROHM	MCR 10 EZH J 474	302.080
R53	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R54	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R55	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R56	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R57	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R58	RESISTOR SMD 1206	680 OHM 5% 0.25W	ROHM	MCR18	57007300
R59	RESISTOR SMD 1206	680 OHM 5% 0.25W	ROHM	MCR18	57007300
R60	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R61	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R62	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R63	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R64	RESISTOR SMD 0805	1k0 OHM 5% 0.1W	ROHM	MCR 10 EZH J 102	302.048
R65	RESISTOR SMD 0805	15k OHM 5% 0.1W	ROHM	MCR 10 EZH J 153	302.062
R66	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R67	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R68	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R69	RESISTOR SMD 0805	4k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 472	302.056
R70	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R71	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R72	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R73	RESISTOR SMD 1206	22 OHM 5% 0.25W	ROHM	MCR18	57005700
R74	RESISTOR SMD 1206	22 OHM 5% 0.25W	ROHM	MCR18	57005700
R75	RESISTOR SMD 0805	48k7 OHM 1% 50mW	PHILIPS	2322 734 2/64873	302.536
R76	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R77	RESISTOR SMD 1206	220 OHM 5% 0.25W	ROHM	MCR18	57001300
R78	RESISTOR SMD 0805	9k53 OHM 1% 50mW	PHILIPS	2322 734 2/69532	302.464
R79	RESISTOR SMD 0805	3k3 OHM 5% 0.1W	ROHM	MCR 10 EZH J 332	302.054
R80	RESISTOR SMD 0805	3k3 OHM 5% 0.1W	ROHM	MCR 10 EZH J 332	302.054
R81	RESISTOR SMD 0805	22k OHM 5% 0.1W	ROHM	MCR 10 EZH J 223	302.064
R82	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R83	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R84	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R85	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R86	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R87	RESISTOR SMD 1206	3k3 OHM 5% 0.25W	ROHM	MCR18	57002200
R88	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R89	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R90	RESISTOR SMD 1206	2k2 OHM 5% 0.25W	ROHM	MCR18	57002000
R91	RESISTOR SMD 1206	22 OHM 5% 0.25W	ROHM	MCR18	57005700
R92	RESISTOR SMD 1206	2k2 OHM 5% 0.25W	ROHM	MCR18	57002000
R93	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R94	RESISTOR SMD 1206	3k3 OHM 5% 0.25W	ROHM	MCR18	57002200
R95	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R96	RESISTOR SMD 0805	270k OHM 5% 0.1W	ROHM	MCR 10 EZH J 274	302.077
R97	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R98	RESISTOR SMD 0805	15k OHM 5% 0.1W	ROHM	MCR 10 EZH J 153	302.062
R99	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R100	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R101	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R102	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R103	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R104	RESISTOR SMD 0805	470k OHM 5% 0.1W	ROHM	MCR 10 EZH J 474	302.080
R105	RESISTOR SMD 0805	220k OHM 5% 0.1W	ROHM	MCR 10 EZH J 224	302.076
R106	RESISTOR SMD 0805	220k OHM 5% 0.1W	ROHM	MCR 10 EZH J 224	302.076
R107	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R108	RESISTOR SMD 0805	220k OHM 5% 0.1W	ROHM	MCR 10 EZH J 224	302.076
R109	RESISTOR SMD 1206	33 OHM 5% 0.25W	ROHM	MCR18	57000500
R110	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R111	RESISTOR SMD 0805	220k OHM 5% 0.1W	ROHM	MCR 10 EZH J 224	302.076
R112	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R113	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R114	RESISTOR SMD 0805	22k OHM 5% 0.1W	ROHM	MCR 10 EZH J 223	302.064
R115	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800

PARTSLIST

POSITION	DESCRIPTION		MANUFACTURER	TYPE	PART NO.
R116	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R117	RESISTOR SMD 0805	470k OHM 5% 0.1W	ROHM	MCR 10 EZH J 474	302.080
R118	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R119	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R120	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R121	RESISTOR SMD 0805	1M0 OHM 5% 0.1W	ROHM	MCR 10 EZH J 105	302.084
R122	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R123	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R124	RESISTOR NTC 10k OHM 10%		UEC	TDC 05C310 K	59141000
R125	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R126	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R127	RESISTOR SMD 0805	100k OHM 5% 0.1W	ROHM	MCR 10 EZH J 104	302.072
R128	RESISTOR SMD 1206	2k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 272	57002100
R129	RESISTOR SMD 1206	150R OHM 5% 0.25W	ROHM	MCR18 EZH J 151	57001200
R130	RESISTOR SMD 1206	1k2 OHM 5% 0.25W	ROHM	MCR 18 EZH J 122	303.049
R131	RESISTOR SMD 0805	270 OHM 5% 0.1W	ROHM	MCR 10 EZH J 271	302.041
R133	RESISTOR SMD 0805	15k OHM 5% 0.1W	ROHM	MCR 10 EZH J 153	302.062
R134	RESISTOR SMD 0805	15k OHM 5% 0.1W	ROHM	MCR 10 EZH J 153	302.062
V1			PHILIPS	BYV34-300	83100340
V2	DIODE ZENER	18V 2% 0.5W SOD-80	AEG	TZM/B 18	83731700
V3	POWER MOSFET 100V/45A	STP45N10, IRF3710	SGS-THOMSON	STP45N10	29.412
V4	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V5	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V6	TRANSISTOR AF NPN SOT-89	BCX56-10	PHILIPS	BCX56-10 115	84720500
V7	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V8			PHILIPS	BSR14	84720900
V9	VOLTAGE SHUNT REGULATOR	ADJUSTABLE TL431	TEXAS	TL431CD/ACDR	340.480
V10	DIODE RECTIFIER	BYV27-150, -200	AEG	BYV 27-150	83127150
V11	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V12	DIODE RECTIFIER	BYV27-150, -200	AEG	BYV 27-150	83127150
V13	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V14	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V15	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V16	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V17	DUAL DIODE RECT. 150V/30A	BYV42-150,UES3015C	PHILIPS	BYV42-200	83100420
V18	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V19	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V20	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V21	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V22	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V23	DIODE DUAL SCHOTTKY 2x20A	45V, BYV133F-45, STPS2045	PHILIPS	BYV133F-45	27.618
V24	DIODE 2x8A/100V COM.ANODE	C10P10FR, MUR1620CTR	MOTOROLA	MUR1620CTR	27.157
V25	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V26	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V27	TRANS. AF MP PNP	BCX53-10, BCX53-16	PHILIPS	BCX 53-10/16	84710300
V28	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V29				5% 5,1V	83730900
V30	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V31	DIODE ZENER SMD SOD80	27V 5% 0.5W, BZV55C27	PHILIPS	BZV55C27 115	83732100
V32	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V33	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V34	DIODE ZENER	18V 2% 0.5W SOD-80	AEG	TZM/B 18	83731700
V35	DIODE ZENER SMD SOD80	27V 5% 0.5W, BZV55C27	PHILIPS	BZV55C27 115	83732100
V36	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V37	DIODE ZENER SMD SOD80	5.6V 5% 0.5W	PHILIPS	BZV550C5V6	83730100
V38	DIODE ZENER	5.1V 2% 0.5W SOD-80	TFK	TZM/B5V1	340.417
V39	DIODE ZENER SMD SOD 80	10V 5% 0.5W, BZC55C10V	PHILIPS	BZV55C10V	83730600
V40	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V41	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V42	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V43	DIODE ZENER SMD SOD 80	10V 5% 0.5W, BZC55C10V	PHILIPS	BZV55C10V	83730600
V44	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V45	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V46	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V47	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V48	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V49	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V50	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V51	DIODE ZENER SMD SOD80	5.6V 5% 0.5W	PHILIPS	BZV550C5V6	83730100
V52	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V53	TRANS. AF SMALL SIGNAL	PNP, BC857B	MOTOROLA	BC857B T1(T3)LOW PROFILE	84710000
V54	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V55	DIODE ZENER SMD SOD80	5.6V 5% 0.5W	PHILIPS	BZV550C5V6	83730100
V56	DIODE ZENER SMD SOD 80	10V 5% 0.5W, BZC55C10V	PHILIPS	BZV55C10V	83730600

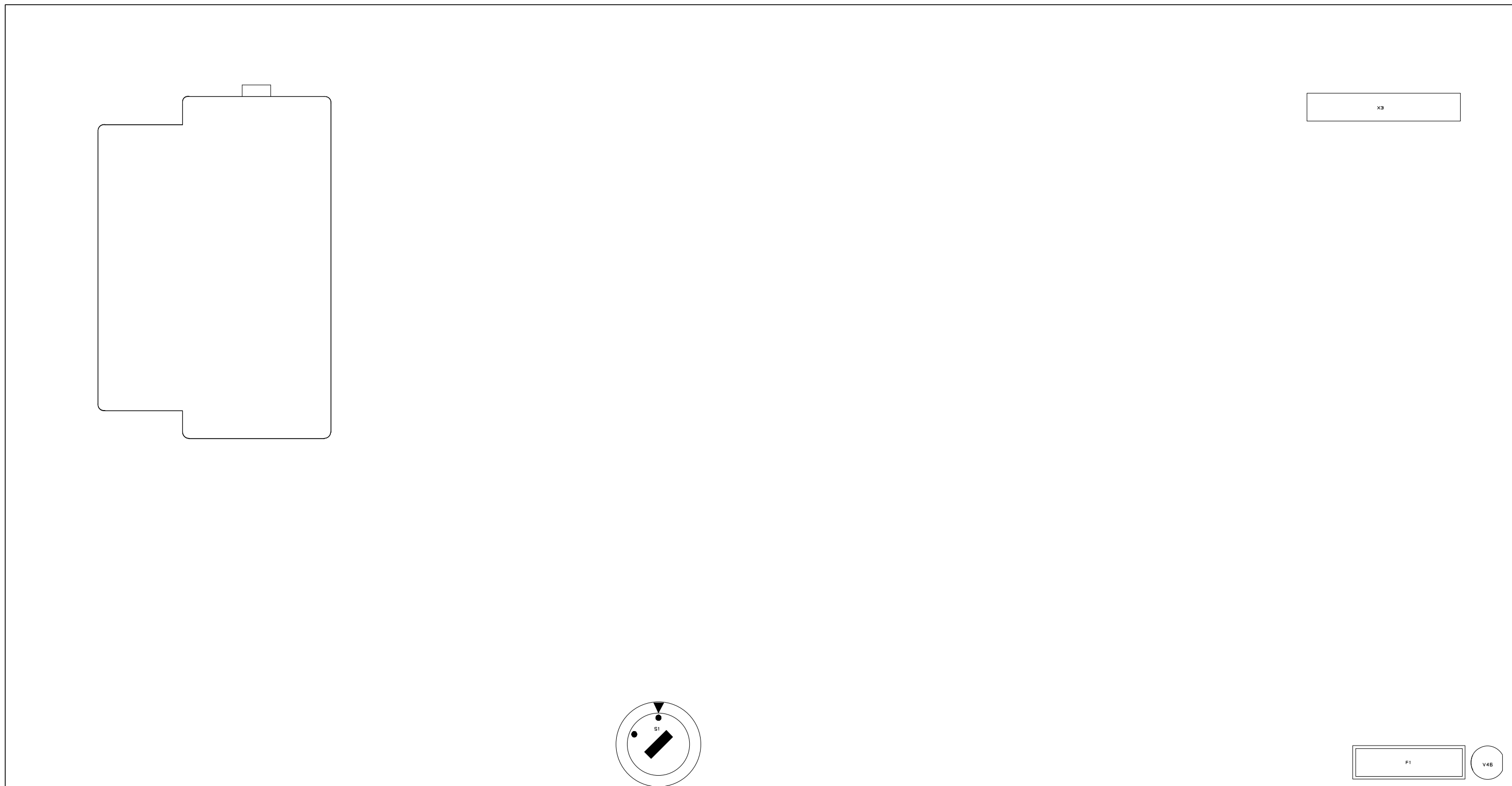
PARTSLIST

POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
V57	LED SMD 1206 RED	7mCd/20mA, CL150UR	CITIZEN	CL150URCD	83760000
V58	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V59	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
T1			ECI A/S	103 576 81	10357681
T3	TRANSFORMER SMPS		KOHSEL	PQ32-5596B	22.197
N1	DUAL VOLTAGE COMPERATOR	LM2903	MOTOROLA	LM2903DR2(R1) REDESIGNES/931122/JH-MOT	85890100
N2	OPTO COUPLER	CNY17F1, TLP532	SIEMENS	Q62703-N49	82500002
N3	CURRENT MODE PWM CONTROLL	UC3843, UC2843	UNITRODE	UC3843D (UC2843D)	351.053
N4	VOLTAGE REGULATOR FIXED	5V/0.1A 78L05A	MOTOROLA	MC78L05ACD R2	350.100
N5	VOLTAGE REGULATOR	12V/0.1A 78L12A	MOTOROLA	MC78L12ACD R1 (R2)	350.103
N6	LOW POWER AUDIO AMPLIFIER	MC34119	MOTOROLA	MC34119D R2(R1)	85870000
N7	OPTP COUPLER	CNY17-4	SIEMENS	CNY17-4	82500001
N8	OPTO COUPLER, AC INPUT	LTV814, TLP620, SFH620-2	LITEON	LTV814	82500003



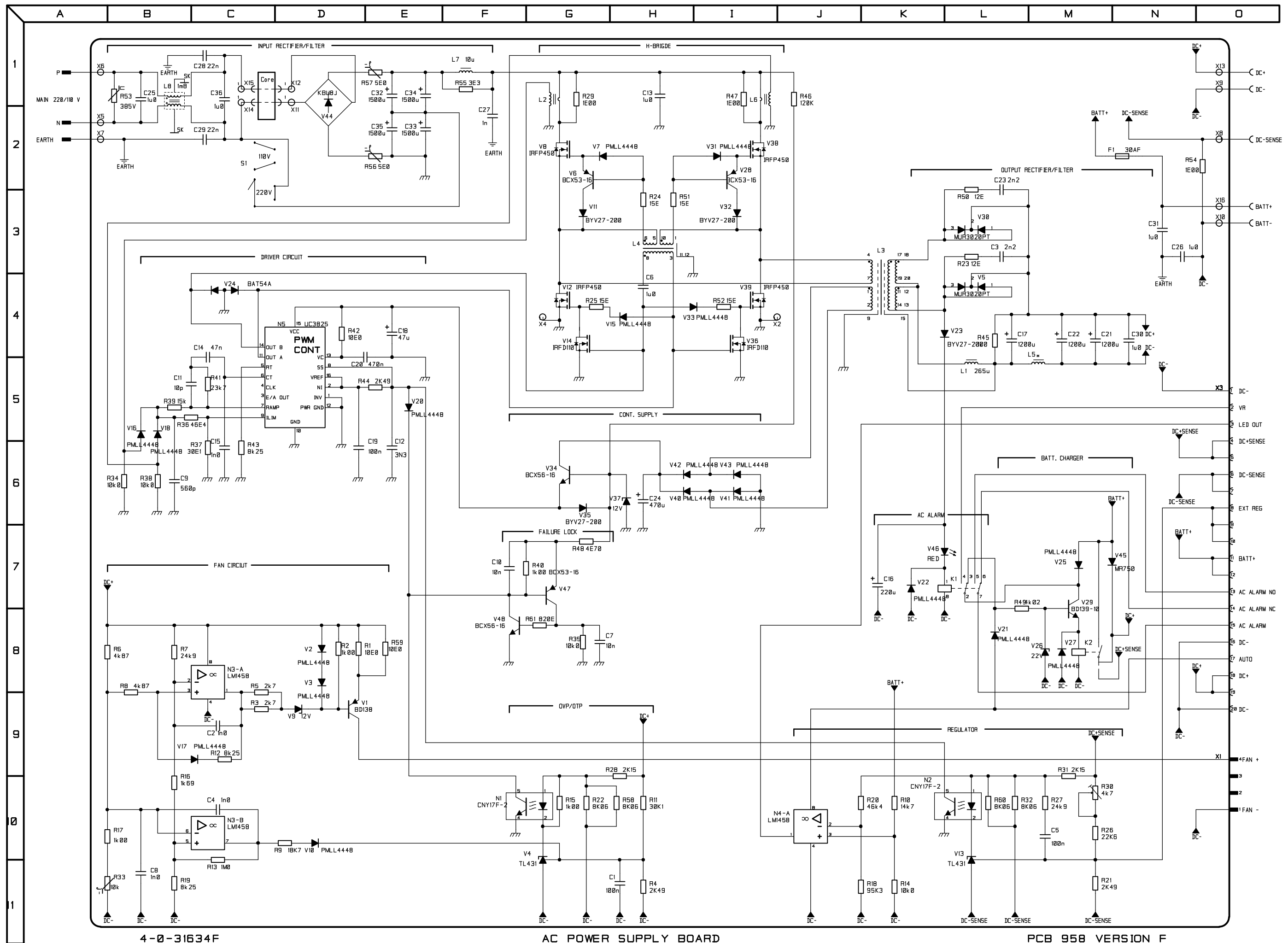
5-6-31634E COMP 1

AC POWER SUPPLY BOARD 958
VERSION E
VIEWED FROM TOP SIDE



5-5-31634E COMP 2

AC POWER SUPPLY BOARD 958
VERSION E
VIEWED FROM BOTTOM SIDE



4-0-31634F

AC POWER SUPPLY BOARD

PCB 958 VERSION F

PARTS LIST

SMPS AC HT452x		ECI A/S	0-0-32721	732721
POSITION	DESCRIPTION	MANUFACTOR	TYPE	PART NO.
VARIOUS	AC POWER SUPPLY 958	ECI A/S	631634-DD	731634

PARTS LIST

AC POWER SUPPLY 958 PARTLY MOUNTED

ECI A/S

5-6-31634E / 5-5-31634E

631634

4-0-31634G / 631634-EG

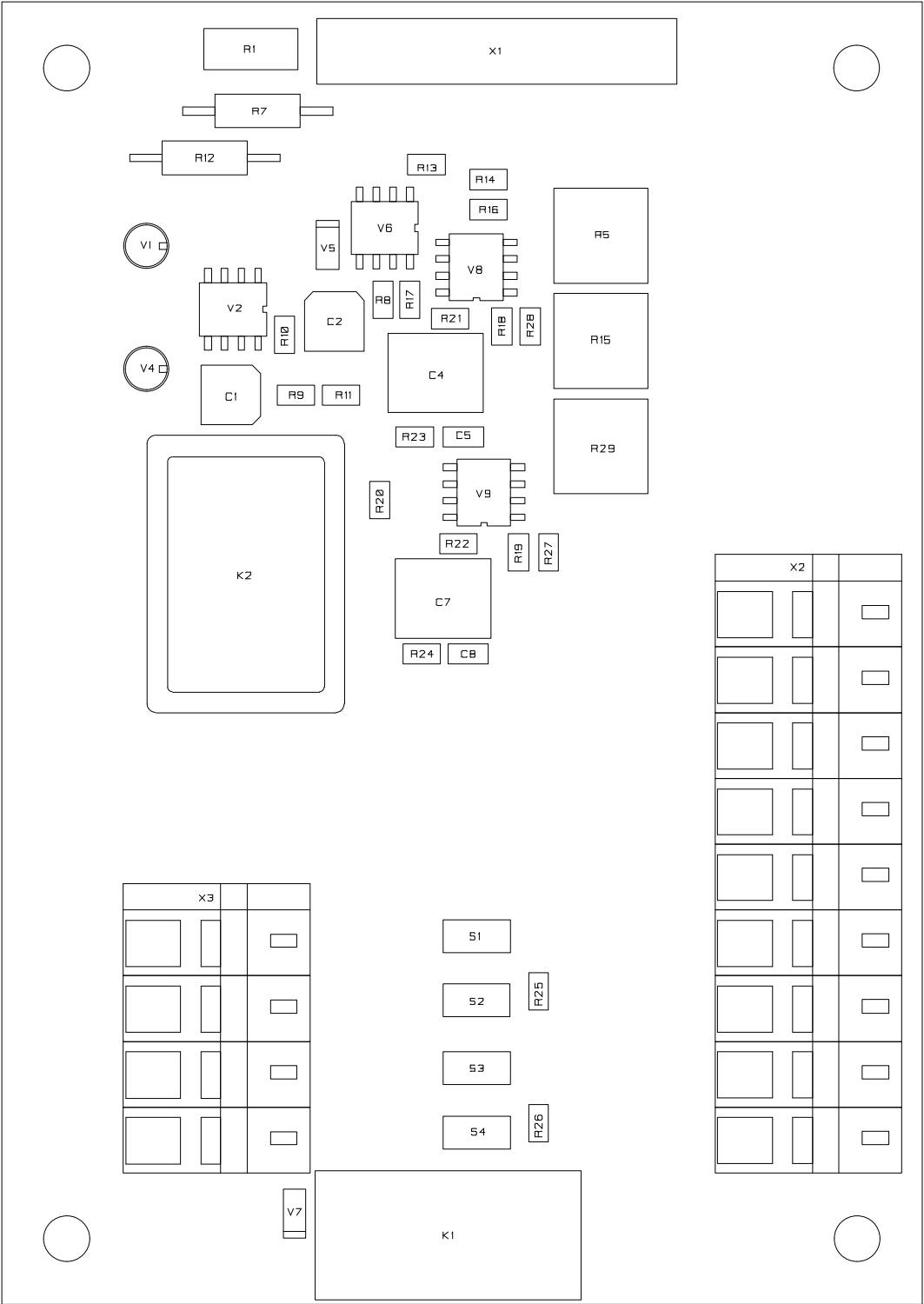
POSITION	DESCRIPTION		MANUFACTURER	TYPE	PART NO.
C1	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C2	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C3	CAPACITOR MKP	2n2F 10% 630VDC	WIMA	FKP 3 2200pF 10% 630V	13.403
C4	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C5	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C6	CAPACITOR MKT	1u0F 10% 63VDC	ERO	MKT 1818-510/06 5-G	11.138
C7	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C8	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C9	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C10	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C11	CAPACITOR CERAM. SMD 0805	10pF 5% N150 50VDC	MURATA	GRM40 P2H 100 D 50 PT	323.474
C12	CAPACITOR CERAM. SMD 0805	3n3F 10% X7R 50VDC	MURATA	GRM40 X7R 332 K 50 PT	328.330
C13	CAPACITOR MKT	1u0F 10% 400VDC	PHILIPS	2222 373 55105	11.760
C14	CAPACITOR CERAM. SMD 0805	47nF 10% X7R 50VDC	MURATA	GRM40 X7R 473 K 50 PT	328.344
C15	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C16	CAPACITOR ELECTROLYTIC	220uF 20% 40VDC	PANASONIC	ECEA1HGE221 B	65282203
C17	CAPACITOR ELECTROLYTIC	1m2F 20% 50VDC	NIP. CHEMI-CON	LXF 50 VB 1200 M L35	14.721
C18	CAPACITOR ELECTROLYTIC	47uF 20% 25VDC	PHILIPS	2222 116 76479	65274702
C19	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C20	CAPACITOR MKT	470nF 5% 63VDC	ERO	MKT 1826-447/06 4-G	11.187
C21	CAPACITOR ELECTROLYTIC	1m2F 20% 50VDC	NIP. CHEMI-CON	LXF 50 VB 1200 M L35	14.721
C22	CAPACITOR ELECTROLYTIC	1m2F 20% 50VDC	NIP. CHEMI-CON	LXF 50 VB 1200 M L35	14.721
C23	CAPACITOR MKP	2n2F 10% 630VDC	WIMA	FKP 3 2200pF 10% 630V	13.403
C24	CAPACITOR ELECTROLYTIC	470uF -20/+50% 40VDC	ERO	EKM 05 FG 347 G 05	14.650
C25	CAPACITOR CLASS X2	1u0F 20% 275VAC	PHILIPS	2222 336 23105(24105)	13.931
C26	CAPACITOR MKT	1u0F 10% 100VDC	ROEDERSTEIN	MKT1826-510/015	62361003
C27	CAPACITOR CLASS Y2	1n0F 20% 250VAC	PHILIPS	2222 336 63102 (64102)	13.900
C28	CAPACITOR CLASS Y2	22nF 20% 250VAC	ARCOTRONICS	R.41 LI 2202 CK M(K)	13.908
C29	CAPACITOR CLASS Y2	22nF 20% 250VAC	ARCOTRONICS	R.41 LI 2202 CK M(K)	13.908
C30	CAPACITOR MKT	1u0F 10% 63VDC	ERO	MKT 1818-510/06 5-G	11.138
C31	CAPACITOR MKT	1u0F 10% 100VDC	ROEDERSTEIN	MKT1826-510/015	62361003
C32	CAPACITOR ELECTROLYTIC	1m5F 20% 200VDC	NIP. CHEMI-CON	KMH 200 VN 1500 M 35E	14.794
C33	CAPACITOR ELECTROLYTIC	1m5F 20% 200VDC	NIP. CHEMI-CON	KMH 200 VN 1500 M 35E	14.794
C34	CAPACITOR ELECTROLYTIC	1m5F 20% 200VDC	NIP. CHEMI-CON	KMH 200 VN 1500 M 35E	14.794
C35	CAPACITOR ELECTROLYTIC	1m5F 20% 200VDC	NIP. CHEMI-CON	KMH 200 VN 1500 M 35E	14.794
C36	CAPACITOR CLASS X2	1u0F 20% 275VAC	PHILIPS	2222 336 23105(24105)	13.931
F1	FUSE HOLDER 1 POLE	ATO BLADE FUSES	PUDENZ	178.6165.0001 (.0002)	78.499
K1	RELAY DPDT 24VDC/1ADC		MEISEI	M4-24H	78000044
K2	RELAY SPST 24VDC/50A	PCB VERSION	SIEMENS	V23071-A1010-A132	21.028
L1	CHOKE FIXED TORODIAL	265uH/24A 25%	FLUX	6-0-34367B	20.239
L2	TRANSFORMER ET2002		FLUX	ET2002	22.187
L3	TRANSFORMER ETD49 28V/24A		FLUX	FT14380006-1	22.189
L4	TRANSFORMER GATE DRIVER	1:1:1	KOHSEL	EP13-5595	22.190
L5	CORE TOROIDAL u=125 HIGH	6.6x2.7x4.8mm	MAGNETICS	6-0-34349A PART NO.58270-A2	35.046
L6	TRANSFORMER ET2002		FLUX	ET2002	22.187
L7	CHOKE FIXED	10uH 20%/5ADC	SUMIDA	RCH-110 100M	74011007
L8	CHOKE DUAL 2x1.8mH/10ADC	CURRENT COMPENSATED	SIEMENS	B82725-A2103-N1	20.059
N1	OPTOCOUPLER IC/IF 63-125%	CNY17F-2	SIEMENS	CNY17F-2	32.534
N2	OPTOCOUPLER IC/IF 63-125%	CNY17F-2	SIEMENS	CNY17F-2	32.534
N3	DUAL OPAMP GEN. PURPOSE	SO08 1458	NATIONAL	LM1458MX	85810500
N4	DUAL OPAMP GEN. PURPOSE	SO08 1458	NATIONAL	LM1458MX	85810500
N5	HIGH SPEED PWM CONTROLLER	UC3825, UC2825	UNITRODE	UC3825DW (UC2835DW)	351.052
R1	RESISTOR SMD 0805	10R0 OHM 1% 50mW	PHILIPS	2322 734 2/61009	302.170
R2	RESISTOR SMD 0805	1k00 OHM 1% 50mW	PHILIPS	2322 734 2/61002	302.370
R3	RESISTOR SMD 1206	2k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 272	57002100
R4	RESISTOR SMD 0805	2k49 OHM 1% 50mW	PHILIPS	2322 734 2/62492	302.408
R5	RESISTOR SMD 1206	2k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 272	57002100
R6	RESISTOR SMD 0805	4k87 OHM 1% 50mW	PHILIPS	2322 734 2/64872	302.436
R7	RESISTOR SMD 0805	24k9 OHM 1% 50mW	PHILIPS	2322 734 2/62493	302.508
R8	RESISTOR SMD 0805	4k87 OHM 1% 50mW	PHILIPS	2322 734 2/64872	302.436
R9	RESISTOR SMD 0805	18k7 OHM 1% 50mW	PHILIPS	2322 734 2/61873	302.496
R10	RESISTOR SMD 0805	14k7 OHM 1% 50mW	PHILIPS	2322 734 2/61473	302.486
R11	RESISTOR SMD 0805	30k1 OHM 1% 50mW	PHILIPS	2322 734 2/63013	302.516
R12	RESISTOR SMD 0805	8k25 OHM 1% 50mW	PHILIPS	2322 734 2/68252	302.458
R13	RESISTOR SMD 0805	1M0 OHM 5% 0.1W	ROHM	MCR 10 EZH J 105	302.084
R14	RESISTOR SMD 0805	10k0 OHM 1% 50mW	PHILIPS	2322 734 2/61003	302.470

PARTSLIST

POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
R15	RESISTOR SMD 0805	1k00 OHM 1% 50mW	PHILIPS	2322 734 2/61002	302.370
R16	RESISTOR SMD 0805	1k69 OHM 1% 50mW	PHILIPS	2322 734 2/61692	302.392
R17	RESISTOR SMD 0805	1k00 OHM 1% 50mW	PHILIPS	2322 734 2/61002	302.370
R18	RESISTOR SMD 0805	95k3 OHM 1% 50mW	PHILIPS	2322 734 2/69533	302.564
R19	RESISTOR SMD 0805	8k25 OHM 1% 50mW	PHILIPS	2322 734 2/68252	302.458
R20	RESISTOR SMD 0805	46k4 OHM 1% 50mW	PHILIPS	2322 734 2/64643	302.534
R21	RESISTOR SMD 0805	2k49 OHM 1% 50mW	PHILIPS	2322 734 2/62492	302.408
R22	RESISTOR SMD 0805	8k06 OHM 1% 50mW	PHILIPS	2322 734 2/68062	302.457
R23	RESISTOR PMF	12 OHM 5% 2W	PHILIPS	2322 194 13129	04.136
R24	RESISTOR SMD 1206	15R OHM 5% 0.25W	ROHM	MCR18 EZH J 150	57007000
R25	RESISTOR SMD 1206	15R OHM 5% 0.25W	ROHM	MCR18 EZH J 150	57007000
R26	RESISTOR SMD 0805	22k6 OHM 1% 50mW	PHILIPS	2322 734 2/62263	302.504
R27	RESISTOR SMD 0805	24k9 OHM 1% 50mW	PHILIPS	2322 734 2/62493	302.508
R28	RESISTOR MF	2k15 OHM 1% 0.6W	PHILIPS	2322 156 12152	03.229
R29	RESISTOR MF	1R00 OHM 1% 0.6W	PHILIPS	2322 156 11008	03.125
R30	PRESET SEALED	4k7 20% 0.5W	TOCOS	GF06-X-502-M	07.950
R31	RESISTOR MF	2k15 OHM 1% 0.6W	PHILIPS	2322 156 12152	03.229
R32	RESISTOR SMD 0805	8k06 OHM 1% 50mW	PHILIPS	2322 734 2/68062	302.457
R33	RESISTOR NTC 10k OHM 10%		UEC	TDC 05C310 K	59141000
R34	RESISTOR SMD 0805	10k0 OHM 1% 50mW	PHILIPS	2322 734 2/61003	302.470
R35	RESISTOR SMD 0805	10k0 OHM 1% 50mW	PHILIPS	2322 734 2/61003	302.470
R36	RESISTOR SMD 0805	39R2 OHM 1% 50mW	PHILIPS	2322 734 2/63929	302.227
R37	RESISTOR SMD 0805	25R5 OHM 1% 50mW	PHILIPS	2322 734 2/62559	302.209
R38	RESISTOR SMD 0805	10k0 OHM 1% 50mW	PHILIPS	2322 734 2/61003	302.470
R39	RESISTOR SMD 0805	15k OHM 5% 0.1W	ROHM	MCR 10 EZH J 153	302.062
R40	RESISTOR SMD 0805	1k00 OHM 1% 50mW	PHILIPS	2322 734 2/61002	302.370
R41	RESISTOR SMD 0805	23k7 OHM 1% 50mW	PHILIPS	2322 734 2/62373	302.506
R42	RESISTOR SMD 0805	10R0 OHM 1% 50mW	PHILIPS	2322 734 2/61009	302.170
R43	RESISTOR SMD 0805	8k25 OHM 1% 50mW	PHILIPS	2322 734 2/68252	302.458
R44	RESISTOR SMD 0805	2k49 OHM 1% 50mW	PHILIPS	2322 734 2/62492	302.408
R45	RESISTOR PMF	1k0 OHM 5% 2W	PHILIPS	2322 194 13102	04.200
R46	RESISTOR PMF	120k OHM 5% 2W	PHILIPS	2322 194 13124	04.236
R47	RESISTOR MF	1R00 OHM 1% 0.6W	PHILIPS	2322 156 11008	03.125
R48	RESISTOR MF	4R70 OHM 1% 0.6W	PHILIPS	2322 156 14708	03.345
R49	RESISTOR SMD 0805	4k02 OHM 1% 50mW	PHILIPS	2322 734 2/64022	302.428
R50	RESISTOR PMF	12 OHM 5% 2W	PHILIPS	2322 194 13129	04.136
R51	RESISTOR SMD 1206	15R OHM 5% 0.25W	ROHM	MCR18 EZH J 150	57007000
R52	RESISTOR SMD 1206	15R OHM 5% 0.25W	ROHM	MCR18 EZH J 150	57007000
R53	RESISTOR VDR 385V 10%		PHILIPS	2322 594 53816 (03817)	06.507
R54	RESISTOR MF	1R00 OHM 1% 0.6W	PHILIPS	2322 156 11008	03.125
R55	RESISTOR PMF	3R3 OHM 5% 2W	PHILIPS	2322 194 13338	04.124
R56	RESISTOR NTC	5 OHM 20% 8.5A	SIEMENS	B57364-S509-M55	07.305
R57	RESISTOR NTC	5 OHM 20% 8.5A	SIEMENS	B57364-S509-M55	07.305
R58	RESISTOR SMD 0805	8k06 OHM 1% 50mW	PHILIPS	2322 734 2/68062	302.457
R59	RESISTOR SMD 0805	10R0 OHM 1% 50mW	PHILIPS	2322 734 2/61009	302.170
R60	RESISTOR SMD 0805	8k06 OHM 1% 50mW	PHILIPS	2322 734 2/68062	302.457
R61	RESISTOR SMD 0805	820 OHM 5% 0.1W	ROHM	MCR 10 EZH J 821	302.047
S1	VOLTAGE SELECTOR SWITCH	2 POSITIONS	SHURTER	SWA 033.4601	42.134
V47	TRANSISTOR MED.POW. PNP	BCX53-16	PHILIPS	BCX53-16	346.307
V48	TRANSISTOR AF NPN SOT-89	BCX56-16	PHILIPS	BCX56-16	345.307
V1	TRANSISTOR AF POWER PNP	BD138	MOTOROLA	BD138	29.057
V2	DIODE SWITCH HIGH SPEED	LL4448, PMLL4448	PHILIPS	PMLL4448	340.148
V3	DIODE SWITCH HIGH SPEED	LL4448, PMLL4448	PHILIPS	PMLL4448	340.148
V4	VOLTAGE SHUNT REGULATOR	ADJUSTABLE TL431	TEXAS	TL431CD/ACDR	340.480
V5	DIODE DUAL 2x15A/200VDC	TO-218AC MUR3020PT	MOTOROLA	MUR3020PT	27.162
V6	TRANSISTOR MED.POW. PNP	BCX53-16	PHILIPS	BCX53-16	346.307
V7	DIODE SWITCH HIGH SPEED	LL4448, PMLL4448	PHILIPS	PMLL4448	340.148
V8	POWER MOSFET 500V	IRFP450	INTERNAT. RECT.	IRFP 450	29.408
V9	DIODE ZENER	12V 2% 0.5W SOD80	AEG	TZMB 12V	83731300
V10	DIODE SWITCH HIGH SPEED	LL4448, PMLL4448	PHILIPS	PMLL4448	340.148
V11	DIODE F. RECOV. 200V/2A	BYV27-200	AEG	BYV27-200	83127200
V13	VOLTAGE SHUNT REGULATOR	ADJUSTABLE TL431	TEXAS	TL431CD/ACDR	340.480
V14	POWER MOSFET 100V/1A	IRFD110	MOTOROLA	IRFD 110	29.425
V15	DIODE SWITCH HIGH SPEED	LL4448, PMLL4448	PHILIPS	PMLL4448	340.148
V16	DIODE SWITCH HIGH SPEED	LL4448, PMLL4448	PHILIPS	PMLL4448	340.148
V17	DIODE SWITCH HIGH SPEED	LL4448, PMLL4448	PHILIPS	PMLL4448	340.148
V18	DIODE SWITCH HIGH SPEED	LL4448, PMLL4448	PHILIPS	PMLL4448	340.148
V20	DIODE SWITCH HIGH SPEED	LL4448, PMLL4448	PHILIPS	PMLL4448	340.148
V21	DIODE SWITCH HIGH SPEED	LL4448, PMLL4448	PHILIPS	PMLL4448	340.148
V22	DIODE SWITCH HIGH SPEED	LL4448, PMLL4448	PHILIPS	PMLL4448	340.148
V23	DIODE F. RECOV. 200V/2A	BYV27-200	AEG	BYV27-200	83127200
V24	DIODE DUAL SCHOTTKY	BAT54A	PHILIPS	BAT54A 215	340.308
V25	DIODE SWITCH HIGH SPEED	LL4448, PMLL4448	PHILIPS	PMLL4448	340.148
V26	DIODE ZENER	22V 5% 0.5W SOD-80	TFK	TZM/C22	340.432

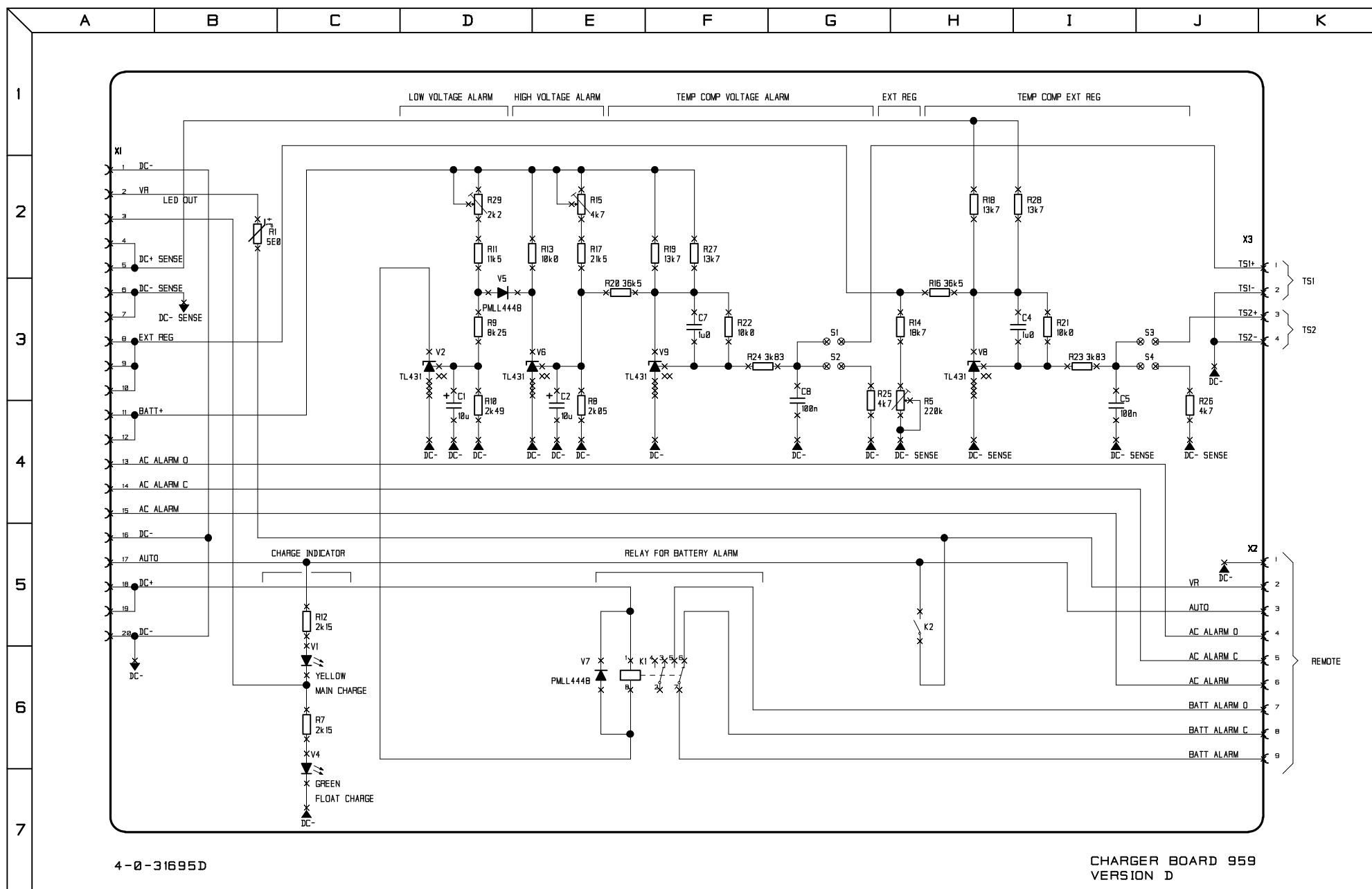
PARTSLIST

POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
V27	DIODE SWITCH HIGH SPEED	LL4448, PMLL4448	PHILIPS	PMLL4448	340.148
V28	TRANSISTOR MED.POW. PNP	BCX53-16	PHILIPS	BCX53-16	346.307
V29	TRANSISTOR AF POWER NPN	BD139-10	MOTOROLA	BD139-10	29.062
V30	DIODE DUAL 2x15A/200VDC	TO-218AC MUR3020PT	MOTOROLA	MUR3020PT	27.162
V31	DIODE SWITCH HIGH SPEED	LL4448, PMLL4448	PHILIPS	PMLL4448	340.148
V32	DIODE F. RECOV. 200V/2A	BYV27-200	AEG	BYV27-200	83127200
V33	DIODE SWITCH HIGH SPEED	LL4448, PMLL4448	PHILIPS	PMLL4448	340.148
V34	TRANSISTOR AF NPN SOT-89	BCX56-16	PHILIPS	BCX56-16	345.307
V35	DIODE F. RECOV. 200V/2A	BYV27-200	AEG	BYV27-200	83127200
V36	POWER MOSFET 100V/1A	IRFD110	MOTOROLA	IRFD 110	29.425
V37	DIODE ZENER	12V 2% 0.5W SOD80	AEG	TZM/B 12V	83731300
V38	POWER MOSFET 500V	IRFP450	INTERNAT. RECT.	IRFP 450	29.408
V39	POWER MOSFET 500V	IRFP450	INTERNAT. RECT.	IRFP 450	29.408
V40	DIODE SWITCH HIGH SPEED	LL4448, PMLL4448	PHILIPS	PMLL4448	340.148
V41	DIODE SWITCH HIGH SPEED	LL4448, PMLL4448	PHILIPS	PMLL4448	340.148
V42	DIODE SWITCH HIGH SPEED	LL4448, PMLL4448	PHILIPS	PMLL4448	340.148
V43	DIODE SWITCH HIGH SPEED	LL4448, PMLL4448	PHILIPS	PMLL4448	340.148
V44	DIODE BRIDGE 600V/8A	KBU8	GENERAL INSTRUM	KBU8J(K,M)	27.112
V45	DIODE RECTIFIER 50V/6ADC	MR750, RL750	MOTOROLA	MR750 (51,52,54,56,60)	25.219
V46	LED *5mm RED	1mCd/10mA	TEMIC	TLUR 5400 AS12Z	82300002
X1	PLUG 4 POLES STRAIGHT	CC=0.1" PCB VERSION	MOLEX	22-27-2041	75100150
X3	SOCKET PCB VERSION	2x10 POLES u-MATCH	AMP	2-215079-0 / 9-215079-0	78.198



5-6-31695D

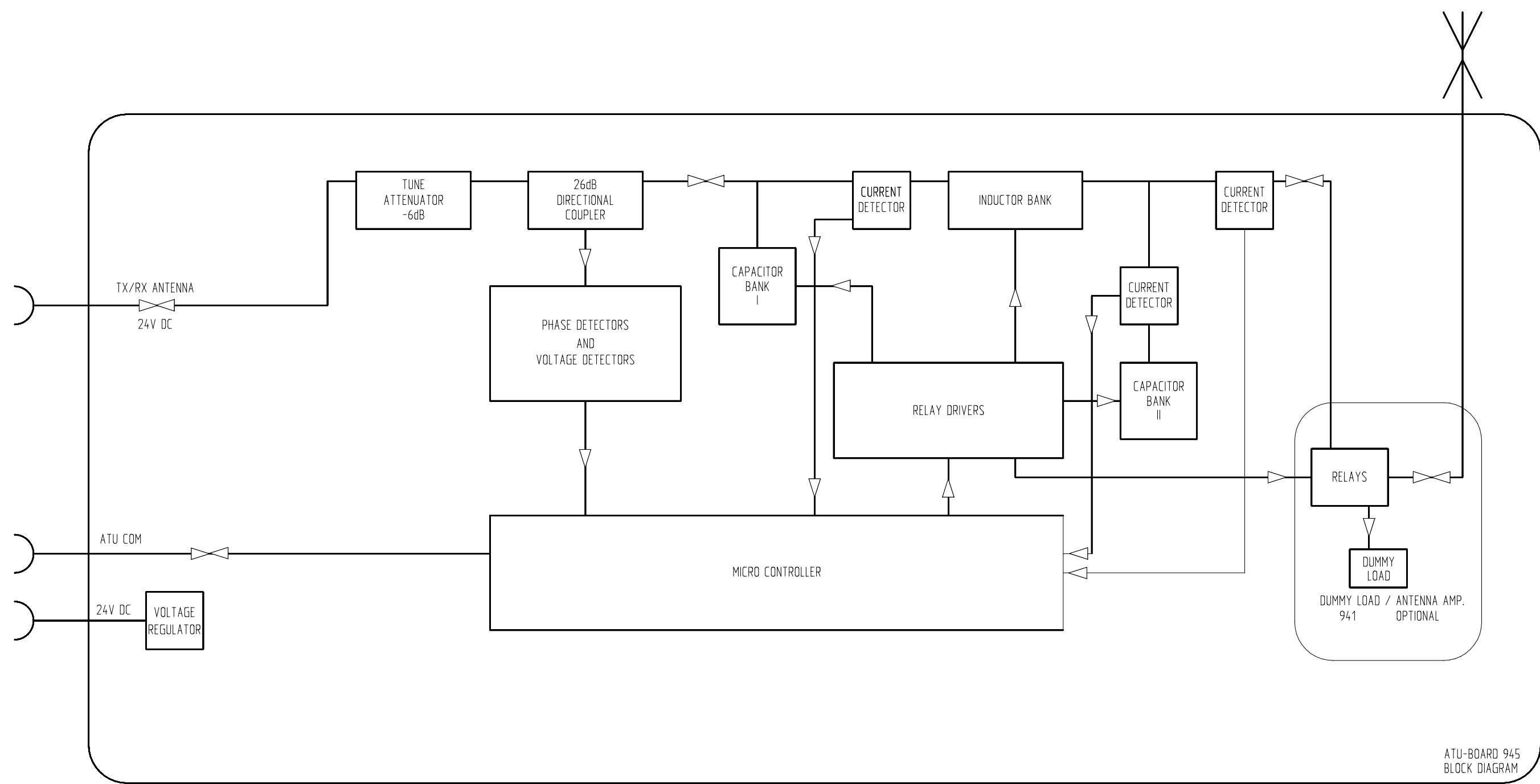
CHARGER BOARD 959
VERSION D
VIEWED FROM TOP SIDE



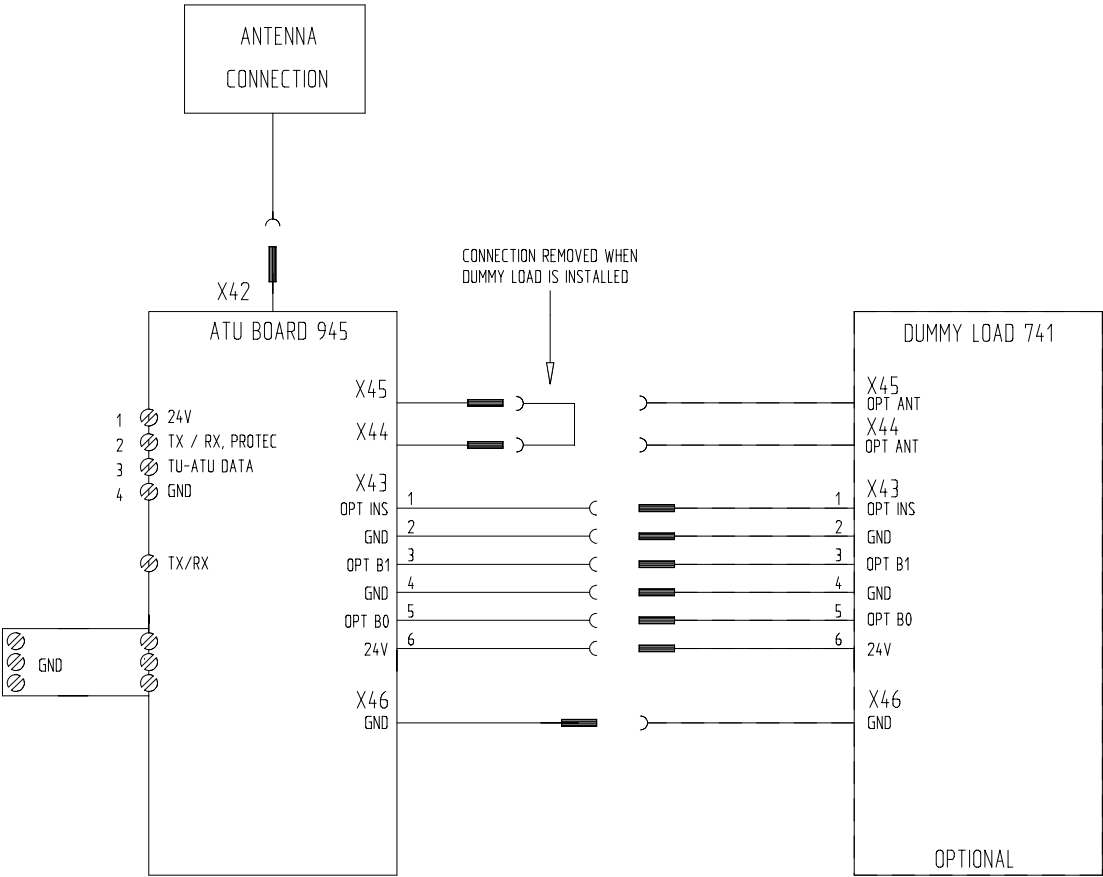
PARTS LIST

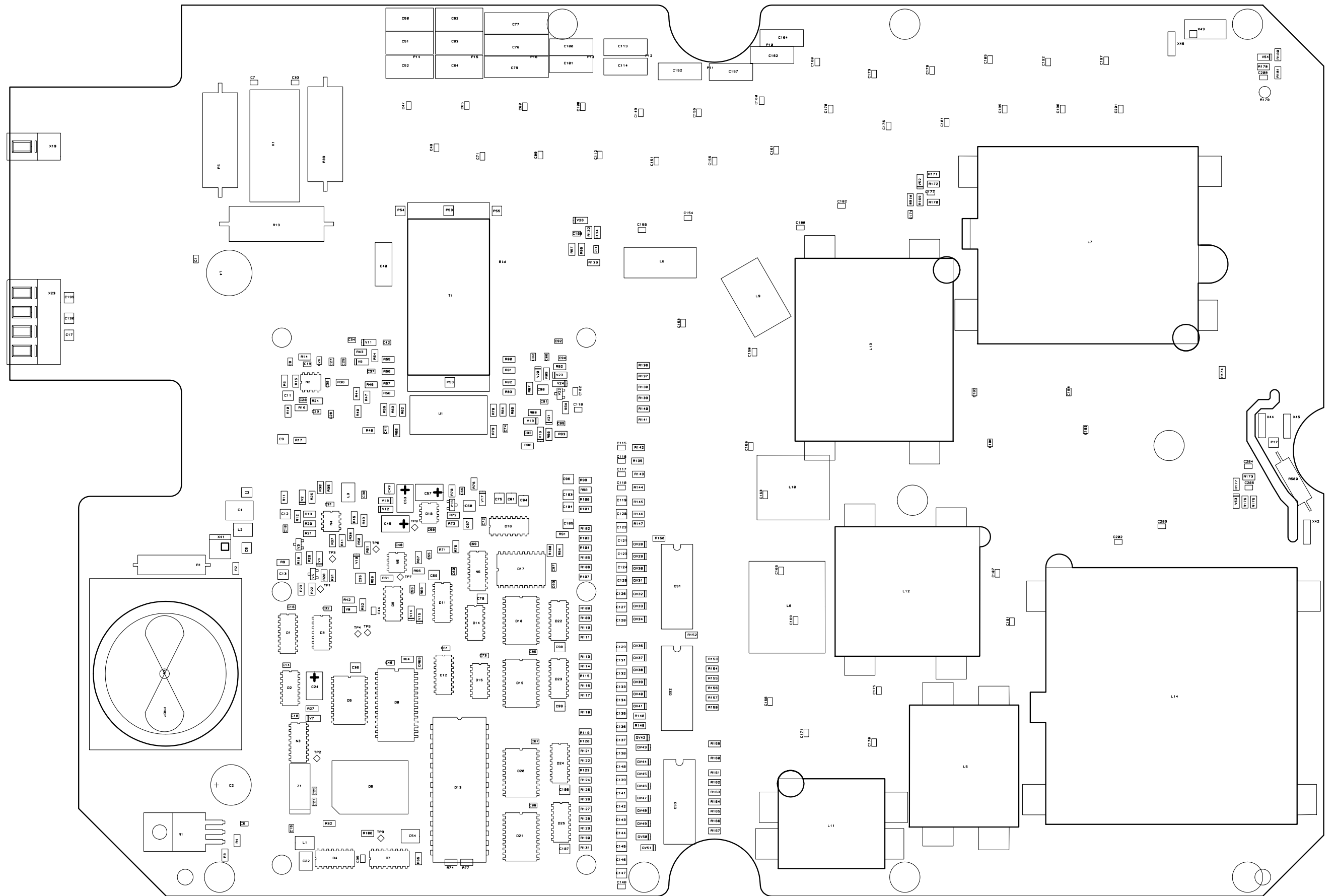
CHARGER BOARD 959			ECI A/S	5-6-31695D / 4-0-31695D	631695
POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
C1	CAPACITOR ELECTROLYTIC SM	10uF 20% 16VDC	EUROPE CHEMICON	Al-Chip-MKV 16V/10 M	333.079
C2	CAPACITOR ELECTROLYTIC SM	10uF 20% 16VDC	EUROPE CHEMICON	Al-Chip-MKV 16V/10 M	333.079
C4	CAPACITOR MKT	1u0F 10% 63VDC	PHILIPS	2222 370 78105	11.137
C5	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C7	CAPACITOR MKT	1u0F 10% 63VDC	PHILIPS	2222 370 78105	11.137
C8	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
X1	SOCKET PCB VERSION	2x10 POLES u-MATCH	AMP	2-215079-0 / 9-215079-0	78.198
X2	TERMINAL BLOCK PCB VERS.	9 POLES 1.5mm2	WAGO	236-409	81.139
X3	TERMINAL BLOCK PCB VERS.	4 POLES 1.5mm2	WAGO	236-404	81.134
K1	RELAY DPDT 24VDC/1ADC		MEISEI	M4-24H	78000044
K2	ROCKER SWITCH SPST ON-OFF	PCB VERSION, BLACK	MARQUARDT	1801.2102	43.005
R1	RESISTOR PTC	3.1 OHM 250mA/50V	BOURNS	MF-R025	72090000
R5	PRESET SEALED	220k 20% 0.3W	TOCOS	GF06P-204-M	58352220
R7	RESISTOR MF	2k15 OHM 1% 0.6W	PHILIPS	2322 156 12152	03.229
R8	RESISTOR SMD 0805	2k05 OHM 1% 50mW	PHILIPS	2322 734 2/62052	302.400
R9	RESISTOR SMD 0805	8k25 OHM 1% 50mW	PHILIPS	2322 734 2/68252	302.458
R10	RESISTOR SMD 0805	2k49 OHM 1% 50mW	PHILIPS	2322 734 2/62492	302.408
R11	RESISTOR SMD 0805	11k5 OHM 1% 50mW	PHILIPS	2322 734 2/61153	302.476
R12	RESISTOR MF	2k15 OHM 1% 0.6W	PHILIPS	2322 156 12152	03.229
R13	RESISTOR SMD 0805	10k0 OHM 1% 50mW	PHILIPS	2322 734 2/61003	302.470
R14	RESISTOR SMD 0805	18k7 OHM 1% 50mW	PHILIPS	2322 734 2/61873	302.496
R15	PRESET SEALED	4k7 20% 0.3W	TOCOS	GF06P-502-M	58334702
R16	RESISTOR SMD 0805	36k5 OHM 1% 50mW	PHILIPS	2322 734 2/63653	302.524
R17	RESISTOR SMD 0805	21k5 OHM 1% 50mW	PHILIPS	2322 734 2/62153	302.502
R18	RESISTOR SMD 0805	13k7 OHM 1% 50mW	PHILIPS	2322 734 2/61373	302.483
R19	RESISTOR SMD 0805	13k7 OHM 1% 50mW	PHILIPS	2322 734 2/61373	302.483
R20	RESISTOR SMD 0805	36k5 OHM 1% 50mW	PHILIPS	2322 734 2/63653	302.524
R21	RESISTOR SMD 0805	10k0 OHM 1% 50mW	PHILIPS	2322 734 2/61003	302.470
R22	RESISTOR SMD 0805	10k0 OHM 1% 50mW	PHILIPS	2322 734 2/61003	302.470
R23	RESISTOR SMD 0805	3k83 OHM 1% 50mW	PHILIPS	2322 734 2/63832	302.426
R24	RESISTOR SMD 0805	3k83 OHM 1% 50mW	PHILIPS	2322 734 2/63832	302.426
R25	RESISTOR SMD 0805	4k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 472	302.056
R26	RESISTOR SMD 0805	4k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 472	302.056
R27	RESISTOR SMD 0805	13k7 OHM 1% 50mW	PHILIPS	2322 734 2/61373	302.483
R28	RESISTOR SMD 0805	13k7 OHM 1% 50mW	PHILIPS	2322 734 2/61373	302.483
R29	PRESET SEALED	2k2 20% 0.3W	TOCOS	GF06P-202-M	58332200
S1	SIL SQUARE PINS	2 POLES CC=1/10"	AMP	0-826629-2	78.322
S2	SIL SQUARE PINS	2 POLES CC=1/10"	AMP	0-826629-2	78.322
S3	SIL SQUARE PINS	2 POLES CC=1/10"	AMP	0-826629-2	78.322
S4	SIL SQUARE PINS	2 POLES CC=1/10"	AMP	0-826629-2	78.322
V1	LED *3 YELLOW	5mCd/10mA		AEG TLHY 4401 AS 12Z	82300004
V2	VOLTAGE SHUNT REGULATOR	ADJUSTABLE TL431	TEXAS	TL431CD/ACDR	340.480
V4	DIODE LIGHT EMITTING	GREEN 4mCd/10mA	TEMIC	TLHG 4401 AS 12 Z (21Z)	82300014
V5	DIODE SWITCH HIGH SPEED	LL4448, PMLL4448	PHILIPS	PMLL4448	340.148
V6	VOLTAGE SHUNT REGULATOR	ADJUSTABLE TL431	TEXAS	TL431CD/ACDR	340.480
V7	DIODE SWITCH HIGH SPEED	LL4448, PMLL4448	PHILIPS	PMLL4448	340.148
V8	VOLTAGE SHUNT REGULATOR	ADJUSTABLE TL431	TEXAS	TL431CD/ACDR	340.480
V9	VOLTAGE SHUNT REGULATOR	ADJUSTABLE TL431	TEXAS	TL431CD/ACDR	340.480

ANTENNA TUNING UNIT BLOCK DIAGRAM

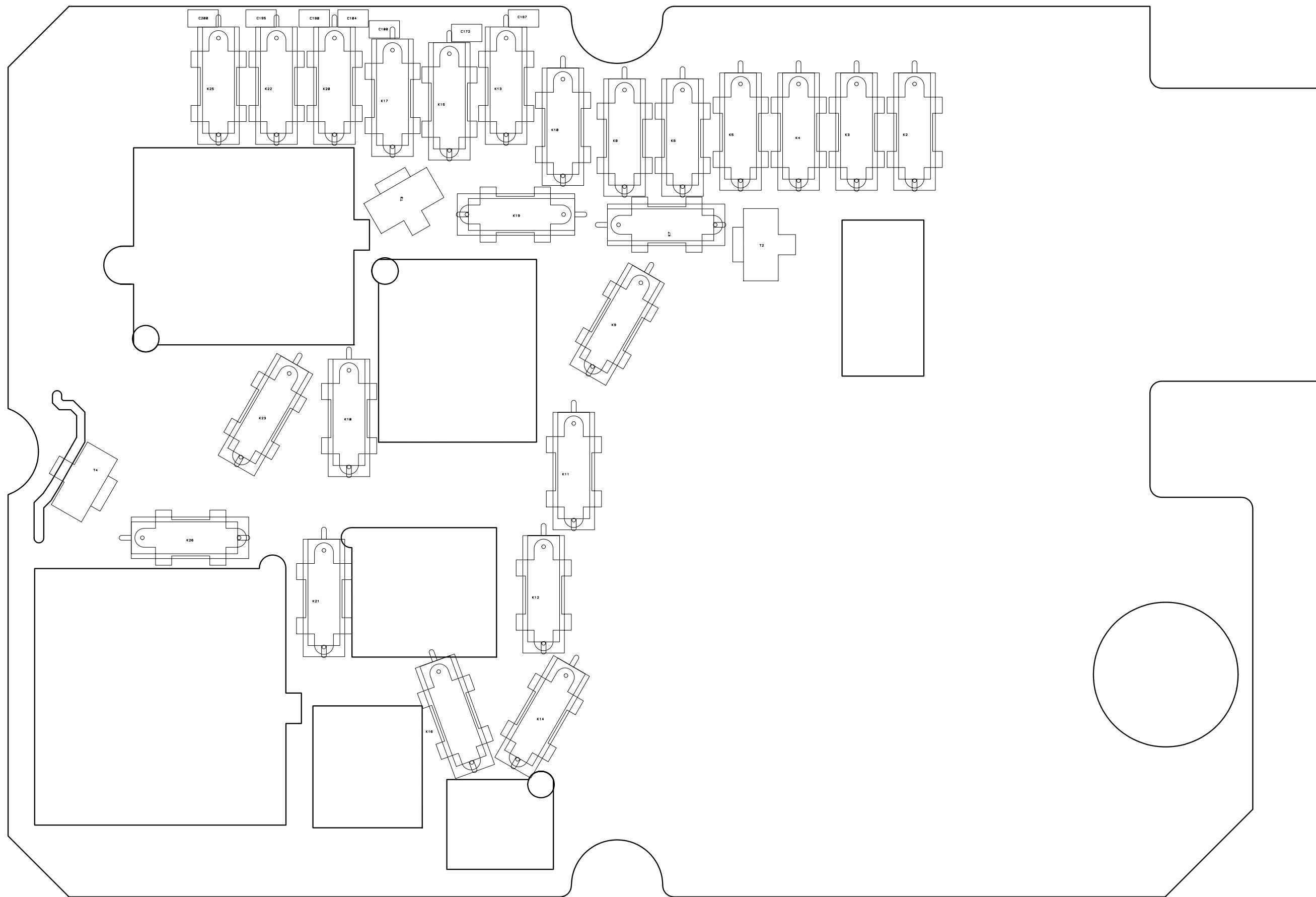


ANTENNA TUNING UNIT INTERCONNECTION DIAGRAM



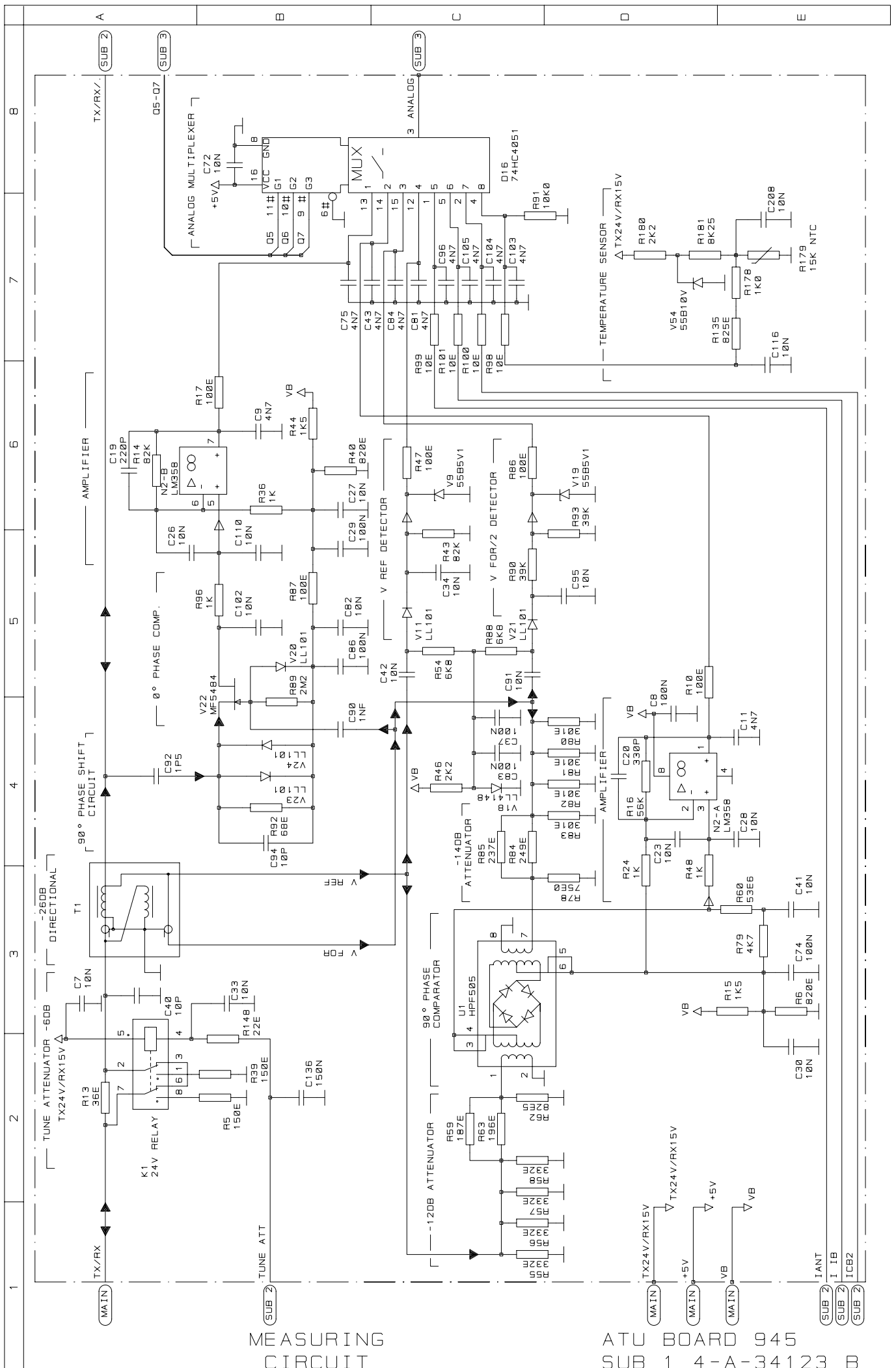


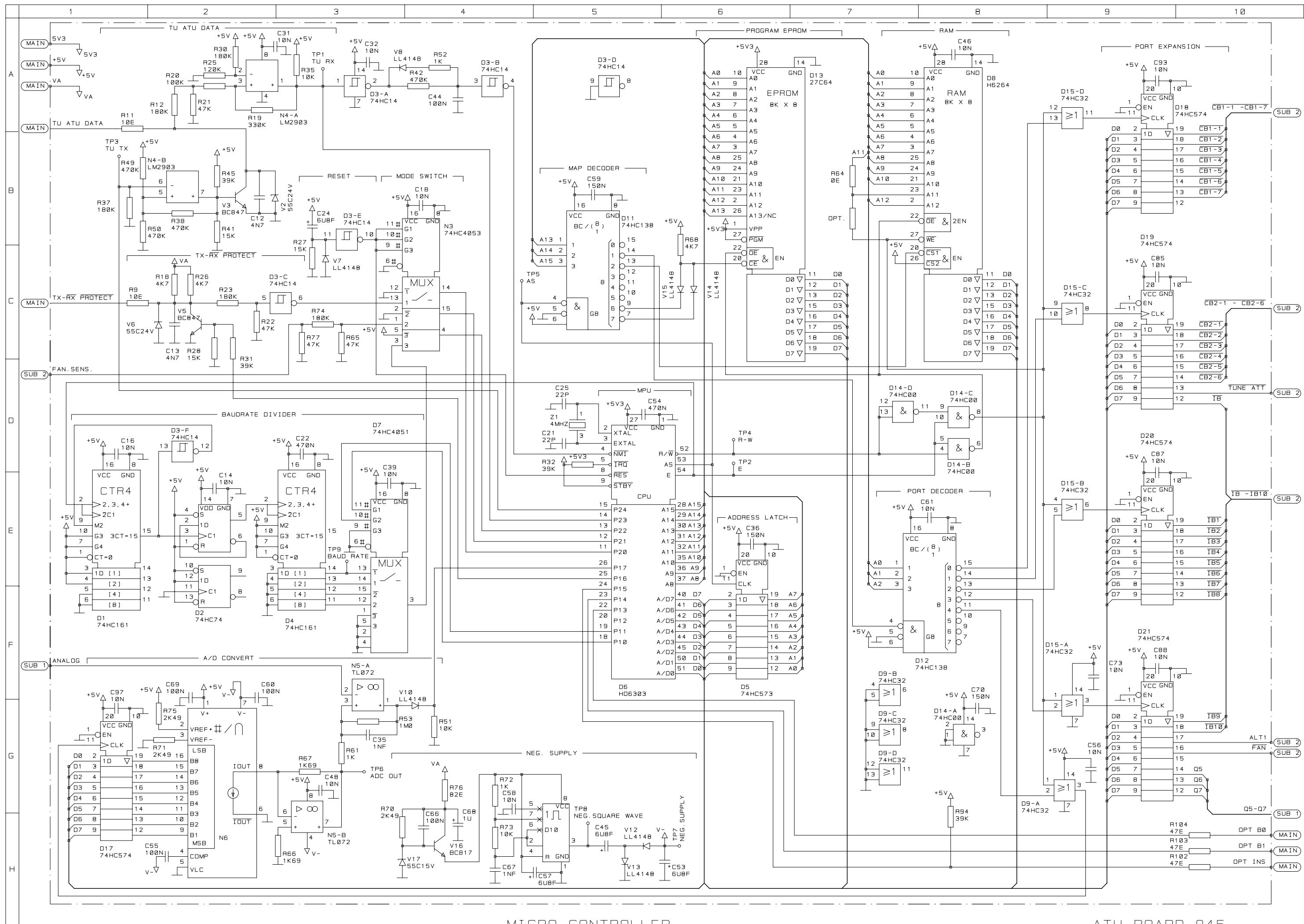
ATU BOARD 945
5-6-34123 B
VIEWED FROM TOP SIDE



ANTENNA TUNING UNIT 945
5-5-34123B
VIEWED FROM BOTTOM SIDE







MICRO CONTROLLER

ATU BOARD 945
SUB 3 4-C-34123 B

PARTS LIST

ATU BOARD 945			ECI A/S	5-0-34123B /4-0-34123C	634123
POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
C1	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 50VDC	MURATA	GRM40-034 X7R 104 K 50 PT	328.372
C2	CAPACITOR ELECTROLYTIC	220uF 20% 40VDC	PANASONIC	ECEA1HGE221 B	65282203
C3	CAPACITOR CERAM. SMD 1210	4n7F 10% NP0 63VDC	VITRAMON	VJ1210A472KXAT	67008600
C4	CAPACITOR MKT	470nF 5% 63VDC	ERO	MKT 1826-447/06 4-G	11.187
C5	CAPACITOR CERAM. SMD 1210	4n7F 10% NP0 63VDC	VITRAMON	VJ1210A472KXAT	67008600
C6	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 50VDC	MURATA	GRM40-034 X7R 104 K 50 PT	328.372
C7	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C8	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 50VDC	MURATA	GRM40-034 X7R 104 K 50 PT	328.372
C9	CAPACITOR CERAM. SMD 1210	4n7F 10% NP0 63VDC	VITRAMON	VJ1210A472KXAT	67008600
C10	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 50VDC	MURATA	GRM40-034 X7R 104 K 50 PT	328.372
C11	CAPACITOR CERAM. SMD 1210	4n7F 10% NP0 63VDC	VITRAMON	VJ1210A472KXAT	67008600
C12	CAPACITOR CERAM. SMD 1210	4n7F 10% NP0 63VDC	VITRAMON	VJ1210A472KXAT	67008600
C13	CAPACITOR CERAM. SMD 1210	4n7F 10% NP0 63VDC	VITRAMON	VJ1210A472KXAT	67008600
C14	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C15	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 50VDC	MURATA	GRM40-034 X7R 104 K 50 PT	328.372
C16	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C17	CAPACITOR CERAM. SMD 1210	4n7F 10% NP0 63VDC	VITRAMON	VJ1210A472KXAT	67008600
C18	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C19	CAPACITOR CERAM. SMD 0805	220pF 2% NP0 50VDC	AVX	CM 21 CG 221 G 50 A T	67006400
C20	CAPACITOR CERAM. SMD 0805	330pF 2% NP0 50VDC	VITRAMON	VJ0805A331GFAT	67006800
C21	CAPACITOR CERAM. SMD 0805	22pF 2% NP0 50VDC	VITRAMON	VJ0805A220GXAT	67002900
C22	CAPACITOR CERAM. SMD 1812	470nF 10% X7R 50VDC	VITRAMON	VJ1812Y474KXAT	67101800
C23	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C24	CAPACITOR TANTALUM 7343	6u8F 20% 35VDC	ERO	CD 685035 M E18	334.130
C25	CAPACITOR CERAM. SMD 0805	22pF 2% NP0 50VDC	VITRAMON	VJ0805A220GXAT	67002900
C26	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C27	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C28	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C29	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 50VDC	MURATA	GRM40-034 X7R 104 K 50 PT	328.372
C30	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C31	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C32	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C33	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C34	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C35	CAPACITOR CERAM. SMD 1210	1n0F 10% NP0 63VDC	VITRAMON	VJ1210A102KXAT	67008500
C36	CAPACITOR CERAM. SMD 1210	150nF 10% X7R 50VDC	VITRAMON	VJ1210Y154KXAT	67101900
C37	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 50VDC	MURATA	GRM40-034 X7R 104 K 50 PT	328.372
C38	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 50VDC	MURATA	GRM40-034 X7R 104 K 50 PT	328.372
C39	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C41	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C42	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C43	CAPACITOR CERAM. SMD 1210	4n7F 10% NP0 63VDC	VITRAMON	VJ1210A472KXAT	67008600
C44	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 50VDC	MURATA	GRM40-034 X7R 104 K 50 PT	328.372
C45	CAPACITOR TANTALUM 7343	6u8F 20% 35VDC	ERO	CD 685035 M E18	334.130
C46	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C47	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C48	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C49	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C50	CAPACITOR MICA	270pF 2% 500VDC	CORNELL DUBILIE	CD15 F D 271 G 0 3	64522702
C51	CAPACITOR MICA	270pF 2% 500VDC	CORNELL DUBILIE	CD15 F D 271 G 0 3	64522702
C52	CAPACITOR MICA	270pF 2% 500VDC	CORNELL DUBILIE	CD15 F D 271 G 0 3	64522702
C53	CAPACITOR TANTALUM 7343	6u8F 20% 35VDC	ERO	CD 685035 M E18	334.130
C54	CAPACITOR CERAM. SMD 1812	470nF 10% X7R 50VDC	VITRAMON	VJ1812Y474KXAT	67101800
C55	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 50VDC	MURATA	GRM40-034 X7R 104 K 50 PT	328.372
C56	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C57	CAPACITOR TANTALUM 7343	6u8F 20% 35VDC	ERO	CD 685035 M E18	334.130
C58	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C59	CAPACITOR CERAM. SMD 1210	150nF 10% X7R 50VDC	VITRAMON	VJ1210Y154KXAT	67101900
C60	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 50VDC	MURATA	GRM40-034 X7R 104 K 50 PT	328.372
C61	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C62	CAPACITOR MICA	560pF 2% 300VDC	CORNELL DUBILIE	CD15 F C 561 G 0 3	64425601
C63	CAPACITOR MICA	560pF 2% 300VDC	CORNELL DUBILIE	CD15 F C 561 G 0 3	64425601
C64	CAPACITOR MICA	560pF 2% 300VDC	CORNELL DUBILIE	CD15 F C 561 G 0 3	64425601
C65	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C66	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 50VDC	MURATA	GRM40-034 X7R 104 K 50 PT	328.372
C67	CAPACITOR CERAM. SMD 1210	1n0F 10% NP0 63VDC	VITRAMON	VJ1210A102KXAT	67008500
C68	CAPACITOR TANTALUM 3528	1u0F 20% 35VDC	ERO	CB 105035 M E17	67700100
C69	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 50VDC	MURATA	GRM40-034 X7R 104 K 50 PT	328.372

PARTSLIST

POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
C70	CAPACITOR CERAM. SMD 1210	150nF 10% X7R 50VDC	VITRAMON	VJ1210Y154KXAT	67101900
C71	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C72	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C73	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C74	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 50VDC	MURATA	GRM40-034 X7R 104 K 50 PT	328.372
C75	CAPACITOR CERAM. SMD 1210	4n7F 10% NP0 63VDC	VITRAMON	VJ1210A472KXAT	67008600
C77	CAPACITOR MICA	1n20 2% 400VDC	NTD	DM19C122G5	64531201
C78	CAPACITOR MICA	1n20 2% 400VDC	NTD	DM19C122G5	64531201
C79	CAPACITOR MICA	1n10 2% 400VDC	NTD	D19C112G50	64531100
C80	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C81	CAPACITOR CERAM. SMD 1210	4n7F 10% NP0 63VDC	VITRAMON	VJ1210A472KXAT	67008600
C82	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C83	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 50VDC	MURATA	GRM40-034 X7R 104 K 50 PT	328.372
C84	CAPACITOR CERAM. SMD 1210	4n7F 10% NP0 63VDC	VITRAMON	VJ1210A472KXAT	67008600
C85	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C86	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 50VDC	MURATA	GRM40-034 X7R 104 K 50 PT	328.372
C87	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C88	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C89	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C90	CAPACITOR CERAM. SMD 1210	1n0F 10% NP0 63VDC	VITRAMON	VJ1210A102KXAT	67008500
C91	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C92	CAPACITOR CERAM. SMD 0805	1p5F +/-0.25pF NPO 500VDC	VITRAMON	VJ 0805 A 1R5 C X E T	323.127
C93	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C94	CAPACITOR CERAM. SMD 0805	10pF 2% NPO 50VDC	AVX	CM 21 CG 100 G 50 A T	67004400
C95	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C96	CAPACITOR CERAM. SMD 1210	4n7F 10% NP0 63VDC	VITRAMON	VJ1210A472KXAT	67008600
C97	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C98	CAPACITOR CERAM. SMD 1210	150nF 10% X7R 50VDC	VITRAMON	VJ1210Y154KXAT	67101900
C99	CAPACITOR CERAM. SMD 1210	150nF 10% X7R 50VDC	VITRAMON	VJ1210Y154KXAT	67101900
C100	CAPACITOR MICA	200pF 2% 500VDC	CORNELL DUBILIE	CD15 F D 201 G 0 3	64522001
C101	CAPACITOR MICA	180pF 2% 500VDC	CORNELL DUBILIE	CD15 F D 181 G 0 3	64521802
C102	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C103	CAPACITOR CERAM. SMD 1210	4n7F 10% NP0 63VDC	VITRAMON	VJ1210A472KXAT	67008600
C104	CAPACITOR CERAM. SMD 1210	4n7F 10% NP0 63VDC	VITRAMON	VJ1210A472KXAT	67008600
C105	CAPACITOR CERAM. SMD 1210	4n7F 10% NP0 63VDC	VITRAMON	VJ1210A472KXAT	67008600
C106	CAPACITOR CERAM. SMD 1210	150nF 10% X7R 50VDC	VITRAMON	VJ1210Y154KXAT	67101900
C107	CAPACITOR CERAM. SMD 1210	150nF 10% X7R 50VDC	VITRAMON	VJ1210Y154KXAT	67101900
C108	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C109	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C110	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C111	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C112	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C113	CAPACITOR MICA	91pF 2% 500VDC	CORNELL DUBILIE	CD15 F D 910 G 0 3	64519100
C114	CAPACITOR MICA	82pF 2% 500VDC	CORNELL DUBILIE	CD15 E D 820 G 0 3	64518200
C115	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C116	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C117	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C118	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C119	CAPACITOR CERAM. SMD 1210	150nF 10% X7R 50VDC	VITRAMON	VJ1210Y154KXAT	67101900
C120	CAPACITOR CERAM. SMD 1210	150nF 10% X7R 50VDC	VITRAMON	VJ1210Y154KXAT	67101900
C121	CAPACITOR CERAM. SMD 1210	150nF 10% X7R 50VDC	VITRAMON	VJ1210Y154KXAT	67101900
C122	CAPACITOR CERAM. SMD 1210	150nF 10% X7R 50VDC	VITRAMON	VJ1210Y154KXAT	67101900
C123	CAPACITOR CERAM. SMD 1210	150nF 10% X7R 50VDC	VITRAMON	VJ1210Y154KXAT	67101900
C124	CAPACITOR CERAM. SMD 1210	150nF 10% X7R 50VDC	VITRAMON	VJ1210Y154KXAT	67101900
C125	CAPACITOR CERAM. SMD 1210	150nF 10% X7R 50VDC	VITRAMON	VJ1210Y154KXAT	67101900
C126	CAPACITOR CERAM. SMD 1210	150nF 10% X7R 50VDC	VITRAMON	VJ1210Y154KXAT	67101900
C127	CAPACITOR CERAM. SMD 1210	150nF 10% X7R 50VDC	VITRAMON	VJ1210Y154KXAT	67101900
C128	CAPACITOR CERAM. SMD 1210	150nF 10% X7R 50VDC	VITRAMON	VJ1210Y154KXAT	67101900
C129	CAPACITOR CERAM. SMD 1210	150nF 10% X7R 50VDC	VITRAMON	VJ1210Y154KXAT	67101900
C130	CAPACITOR CERAM. SMD 1210	4n7F 10% NP0 63VDC	VITRAMON	VJ1210A472KXAT	67008600
C131	CAPACITOR CERAM. SMD 1210	150nF 10% X7R 50VDC	VITRAMON	VJ1210Y154KXAT	67101900
C132	CAPACITOR CERAM. SMD 1210	150nF 10% X7R 50VDC	VITRAMON	VJ1210Y154KXAT	67101900
C133	CAPACITOR CERAM. SMD 1210	150nF 10% X7R 50VDC	VITRAMON	VJ1210Y154KXAT	67101900
C134	CAPACITOR CERAM. SMD 1210	150nF 10% X7R 50VDC	VITRAMON	VJ1210Y154KXAT	67101900
C135	CAPACITOR CERAM. SMD 1210	150nF 10% X7R 50VDC	VITRAMON	VJ1210Y154KXAT	67101900
C136	CAPACITOR CERAM. SMD 1210	150nF 10% X7R 50VDC	VITRAMON	VJ1210Y154KXAT	67101900
C137	CAPACITOR CERAM. SMD 1210	150nF 10% X7R 50VDC	VITRAMON	VJ1210Y154KXAT	67101900
C138	CAPACITOR CERAM. SMD 1210	150nF 10% X7R 50VDC	VITRAMON	VJ1210Y154KXAT	67101900
C139	CAPACITOR CERAM. SMD 1210	150nF 10% X7R 50VDC	VITRAMON	VJ1210Y154KXAT	67101900
C140	CAPACITOR CERAM. SMD 1210	150nF 10% X7R 50VDC	VITRAMON	VJ1210Y154KXAT	67101900
C141	CAPACITOR CERAM. SMD 1210	150nF 10% X7R 50VDC	VITRAMON	VJ1210Y154KXAT	67101900
C142	CAPACITOR CERAM. SMD 1210	150nF 10% X7R 50VDC	VITRAMON	VJ1210Y154KXAT	67101900
C143	CAPACITOR CERAM. SMD 1210	150nF 10% X7R 50VDC	VITRAMON	VJ1210Y154KXAT	67101900
C144	CAPACITOR CERAM. SMD 1210	150nF 10% X7R 50VDC	VITRAMON	VJ1210Y154KXAT	67101900

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POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
C145	CAPACITOR CERAM. SMD 1210	150nF 10% X7R 50VDC	VITRAMON	VJ1210Y154KXAT	67101900
C146	CAPACITOR CERAM. SMD 1210	150nF 10% X7R 50VDC	VITRAMON	VJ1210Y154KXAT	67101900
C147	CAPACITOR CERAM. SMD 1210	150nF 10% X7R 50VDC	VITRAMON	VJ1210Y154KXAT	67101900
C148	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 50VDC	MURATA	GRM40-034 X7R 104 K 50 PT	328.372
C149	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C150	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C151	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C152	CAPACITOR MICA	39pF 2% 500VDC	CORNELL DUBILIE	CD15 E D 390 G 0 3	64513900
C153	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C154	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C155	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C156	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C157	CAPACITOR MICA	39pF 2% 500VDC	CORNELL DUBILIE	CD15 E D 390 G 0 3	64513900
C158	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C159	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C160	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C161	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C162	CAPACITOR MICA	18pF +0.5pF 500VDC	CORNELL DUBILIE	CD15 C D 180 D 0 3	64511800
C163	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C164	CAPACITOR MICA	22pF +0.5pF 500VDC	CORNELL DUBILIE	CD15 E D 220 D 0 3	64512200
C165	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C166	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C167	CAPACITOR CERAM. HI VOLT.	920pF 5% 1kVDC	MICROELECTRONIC	SPU71RW921J1R5	60729200
C168	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C169	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C170	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C171	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C172	CAPACITOR CERAM. HI VOLT.	440pF 5% 1kVDC	MICROELECTRONIC	MPU71RW441G1R5	60724400
C173	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C174	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C175	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C176	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C177	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C178	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C179	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C180	CAPACITOR CERAM. HI VOLT.	180pF 5% 2kVDC	MICROELECTRONIC	MPU11RW181G2R5	60721800
C181	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C182	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C183	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C184	CAPACITOR CERAMIC	43pF 5% 2kV	MICROELECTRONIC	MPU11RW430J2R5	60714300
C185	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C186	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C187	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C188	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C189	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C190	CAPACITOR CERAMIC	39pF 2% 2kV	MICROELECTRONIC	MPU11RW390J2R5	60713900
C191	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C192	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C193	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C195	CAPACITOR CERAMIC	39pF 2% 2kV	MICROELECTRONIC	MPU11RW390J2R5	60713900
C196	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C197	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C198	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C199	CAPACITOR CERAM. SMD 1210	4n7F 10% NP0 63VDC	VITRAMON	VJ1210A472KXAT	67008600
C200	CAPACITOR CERAMIC	18pF 5% 2kV	MICROELECTRONIC	SPU11RW180J3R6	60711800
C201	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C202	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C203	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C204	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C206	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C208	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C400	CAPACITOR MICA	10pF +0.5pF 500VDC	CORNELL DUBILIE	CD15 C D 100 D 0 3	64511000
X13	SOCKET 2x14 POLES		MIKKELSEN ELECT	A28LC-1	75100139
X19	TERMINAL BLOCK PCB VERS.	1 POLE 1.5mm2	WAGO	236004/032000	81.131
X23	TERMINAL BLOCK PCB VERS.	4 POLES 1.5mm2	WAGO	236-404	81.134
X41	PLUG 2 POLES STRAIGHT	CC=0.1" PCB VERSION	MOLEX	22-27-2021	75100141
X42	PLUG 1 POLE F.PCB	4.8X0.8mm	RADIO PARTS A/S	136-2141	75000151
X43	SOCKET PCB VERSION	2x3 POLES u-MATCH	AMP	0-215079-6	78.192
X44	PLUG 1 POLE F.PCB	4.8X0.8mm	RADIO PARTS A/S	136-2141	75000151
X45	PLUG 1 POLE F.PCB	4.8X0.8mm	RADIO PARTS A/S	136-2141	75000151
X46	PLUG 1 POLE F.PCB	4.8X0.8mm	RADIO PARTS A/S	136-2141	75000151
K1	RELAY DPDT 24VDC/5A		TAKAMISAVA	VB-24STBU	78000032
K12	REED RELAY 24VDC	1MAKE 3A/3kVRF	CRYDOM LTD	FRS 42086	37377361
K13	REED RELAY 24VDC	1MAKE 3A/3kVRF	CRYDOM LTD	FRS 42086	37377361

PARTSLIST

POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
K14	REED RELAY 24VDC	1MAKE 3A/3kVRF	CRYDOM LTD	FRS 42086	37377361
K15	REED RELAY 24VDC	1MAKE 3A/3kVRF	CRYDOM LTD	FRS 42086	37377361
K16	REED RELAY 24VDC	1MAKE 3A/3kVRF	CRYDOM LTD	FRS 42086	37377361
K17	REED RELAY 24VDC	1MAKE 3A/3kVRF	CRYDOM LTD	FRS 42086	37377361
K18	REED RELAY 24VDC	1MAKE 3A/3kVRF	CRYDOM LTD	FRS 42086	37377361
K19	REED RELAY 24VDC	1MAKE 3A/3kVRF	CRYDOM LTD	FRS 42086	37377361
K20	REED RELAY 24VDC	1MAKE 3A/3kVRF	CRYDOM LTD	FRS 42086	37377361
K21	REED RELAY 24VDC	1MAKE 3A/3kVRF	CRYDOM LTD	FRS 42086	37377361
K22	REED RELAY 24VDC	1MAKE 3A/3kVRF	CRYDOM LTD	FRS 42086	37377361
K23	REED RELAY 24VDC	1MAKE 3A/4kVRF	CRYDOM LTD	FRS 42087	37377371
K25	REED RELAY 24VDC	1MAKE 3A/3kVRF	CRYDOM LTD	FRS 42086	37377361
K26	REED RELAY 24VDC	1MAKE 3A/4kVRF	CRYDOM LTD	FRS 42087	37377371
L1	CHOKE FIXED SMD 1812	100uH 10%	PANASONIC	ELJ FB 101 K F	74101600
L2	CHOKE FIXED SMD 1812	100uH 10%	PANASONIC	ELJ FB 101 K F	74101600
L3	CHOKE FIXED SMD 1812	10uH 10%	PANASONIC	ELJ-FB100KF	74101200
L4	CHOKE FIXED	10uH 20%/2.5ADC	SUMIDA	RCH-875-100M	74011005
L5	COIL FIXED >22.7mm	2.1uH	ECI A/S	103 772 91D	10377291
L6	COIL FIXED >23mm	500nH	ECI A/S	103 772 71B	10377271
L7	COIL FIXED >45.8mm	18.2uH	ECI A/S	103 773 21C	10377321
L8	COIL FIXED >18.7mm	65nH	ECI A/S	103 772 41B	10377241
L9	COIL FIXED >17.8mm	130nH	ECI A/S	103 772 51B	10377251
L10	COIL FIXED >19mm	282nH	ECI A/S	103 772 61B	10377261
L11	COIL FIXED >17.6mm	1.05uH	ECI A/S	103 772 81D	10377281
L12	COIL FIXED >32mm	4.5uH		103 773 01E	10377301
L13	COIL FIXED >35.5mm	8.9uH	ECI A/S	103 773 11E	10377311
L14	COIL FIXED >61.4mm	36.6uH	ECI A/S	103 773 31C	10377331
R1	RESAISTOR PMF	68 OHM 5% 1.5W	PHILIPS	2322-195-13689	54616800
R2	RESISTOR SMD 1206	10 OHM 5% 0.25W	ROHM	MCR18	57004800
R3	RESISTOR SMD 1206	750 OHM 1% 0.25W	ROHM	MCR18	57102800
R4	RESISTOR SMD 1206	237 OHM 1% 0.25W	ROHM	MCR18	57102400
R5	RESISTOR MO	150 OHM 5% 3W	PHILIPS	PRO3 - 150 OHM 5%	51621500
R6	RESISTOR SMD 1206	820 OHM 5% 0.25W	ROHM	MCR18 EZH J 821	57001700
R9	RESISTOR SMD 1206	10 OHM 5% 0.25W	ROHM	MCR18	57004800
R10	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R11	RESISTOR SMD 1206	10 OHM 5% 0.25W	ROHM	MCR18	57004800
R12	RESISTOR SMD 1206	180k OHM 5% 0.25W	ROHM	MCR18	57004000
R13	RESISTOR PMF	36 OHM 5% 3W	PHILIPS	PRO3 - 36 OHM 5%	51613600
R14	RESISTOR SMD 1206	82k OHM 5% 0.25W	ROHM	MCR18 EZH J 823	57003800
R15	RESISTOR SMD 1206	1k5 OHM 5% 0.25W	DRALORIC	CR 1206 L 152 J G4	303.050
R16	RESISTOR SMD 1206	56k OHM 5% 0.25W	ROHM	MCR18	57003600
R17	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R18	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R19	RESISTOR SMD 1206	330k OHM 5% 0.25W	ROHM	MCR18	57004400
R20	RESISTOR SMD 1206	100k OHM 5% 0.25W	ROHM	MCR18	57004100
R21	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R22	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R23	RESISTOR SMD 1206	180k OHM 5% 0.25W	ROHM	MCR18	57004000
R24	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R25	RESISTOR SMD 1206	120k OHM 0.25W	ROHM	MCR18	57004200
R26	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R27	RESISTOR SMD 1206	15k OHM 5% 0.25W	ROHM	MCR18	57004600
R28	RESISTOR SMD 1206	15k OHM 5% 0.25W	ROHM	MCR18	57004600
R30	RESISTOR SMD 1206	180k OHM 5% 0.25W	ROHM	MCR18	57004000
R31	RESISTOR SMD 1206	39k OHM 5% 0.25W	ROHM	MCR18	57003400
R32	RESISTOR SMD 1206	39k OHM 5% 0.25W	ROHM	MCR18	57003400
R35	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R36	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R37	RESISTOR SMD 1206	180k OHM 5% 0.25W	ROHM	MCR18	57004000
R38	RESISTOR SMD 1206	470k OHM 5% 0.25W	ROHM	MCR18	57004500
R39	RESISTOR MO	150 OHM 5% 3W	PHILIPS	PRO3 - 150 OHM 5%	51621500
R40	RESISTOR SMD 1206	820 OHM 5% 0.25W	ROHM	MCR18 EZH J 821	57001700
R41	RESISTOR SMD 1206	15k OHM 5% 0.25W	ROHM	MCR18	57004600
R42	RESISTOR SMD 1206	470k OHM 5% 0.25W	ROHM	MCR18	57004500
R43	RESISTOR SMD 1206	82k OHM 5% 0.25W	ROHM	MCR18 EZH J 823	57003800
R44	RESISTOR SMD 1206	1k5 OHM 5% 0.25W	DRALORIC	CR 1206 L 152 J G4	303.050
R45	RESISTOR SMD 1206	39k OHM 5% 0.25W	ROHM	MCR18	57003400
R46	RESISTOR SMD 1206	2k2 OHM 5% 0.25W	ROHM	MCR18	57002000
R47	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R48	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R49	RESISTOR SMD 1206	470k OHM 5% 0.25W	ROHM	MCR18	57004500
R50	RESISTOR SMD 1206	470k OHM 5% 0.25W	ROHM	MCR18	57004500
R51	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R52	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R53	RESISTOR SMD 1206	1M0 OHM 5% 0.25W	ROHM	MCR18	57005600

PARTSLIST

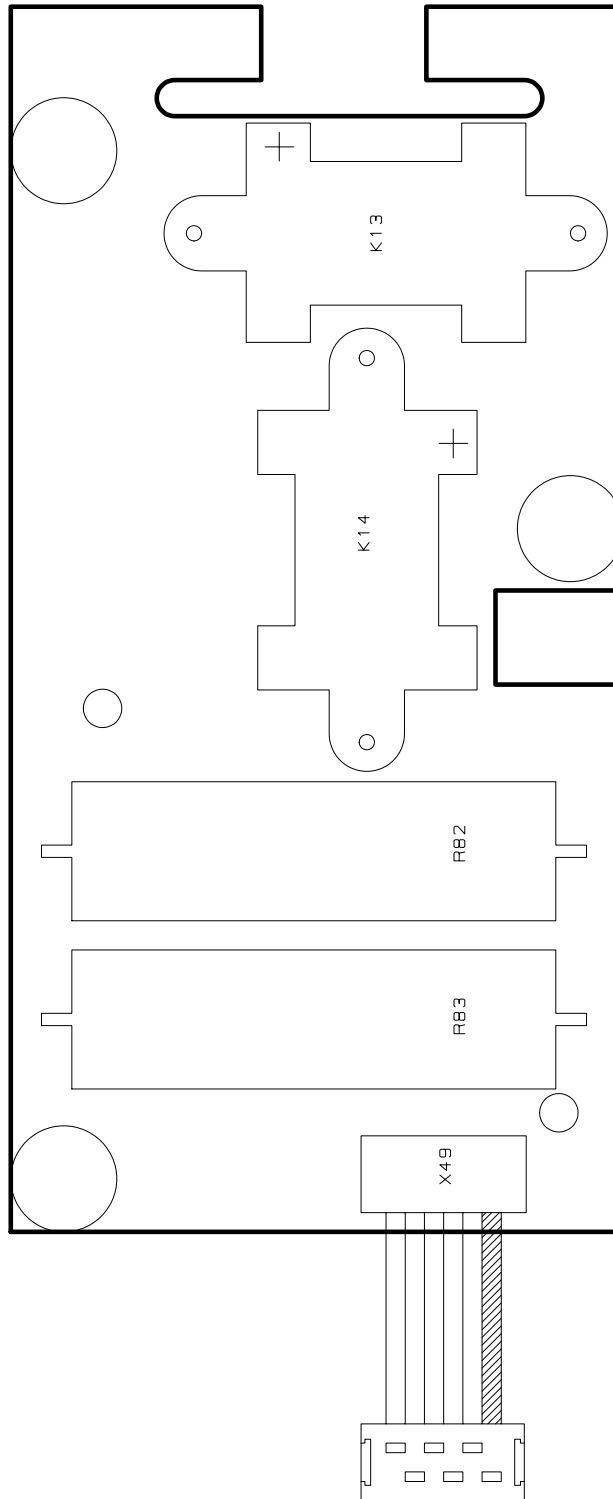
POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
R54	RESISTOR SMD 1206	6k8 OHM 5% 0.25W	ROHM	MCR18 EZH J 682	57002600
R55	RESISTOR SMD 1206	332 OHM 1% 0.25W	ROHM	MCR18	57102700
R56	RESISTOR SMD 1206	332 OHM 1% 0.25W	ROHM	MCR18	57102700
R57	RESISTOR SMD 1206	332 OHM 1% 0.25W	ROHM	MCR18	57102700
R58	RESISTOR SMD 1206	332 OHM 1% 0.25W	ROHM	MCR18	57102700
R59	RESISTOR SMD 1206	187 OHM 1% 0.25W	ROHM	MCR18	57102200
R60	RESISTOR SMD 1206	53R6 OHM 1% 0.25W	ROHM	MCR18	57101800
R61	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R62	RESISTOR SMD 1206	82R5 OHM 1% 0.25W	ROHM	MCR18	57102100
R63	RESISTOR SMD 1206	196 OHM 1% 0.25W	ROHM	MCR18	57102300
R64	RESISTOR SMD 1206	0 OHM	ROHM	MCR18	57006300
R65	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R66	RESISTOR SMD 1206	1k69 OHM 1% 0.25W	ROHM	MCR18	57103100
R67	RESISTOR SMD 1206	1k69 OHM 1% 0.25W	ROHM	MCR18	57103100
R68	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R70	RESISTOR SMD 1206	2k49 OHM 1% 0.25W	ROHM	MCR18	57103200
R71	RESISTOR SMD 1206	2k49 OHM 1% 0.25W	ROHM	MCR18	57103200
R72	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R73	RESISTOR SMD 1206	10k OHM 5% 0.25W	ROHM	MCR18	57002800
R74	RESISTOR SMD 1206	180k OHM 5% 0.25W	ROHM	MCR18	57004000
R75	RESISTOR SMD 1206	2k49 OHM 1% 0.25W	ROHM	MCR18	57103200
R76	RESISTOR SMD 1206	82 OHM 5% 0.25W	ROHM	MCR18	57000900
R77	RESISTOR SMD 1206	47k OHM 5% 0.25W	ROHM	MCR18	57003500
R78	RESISTOR SMD 1206	75R0 OHM 1% 0.25W	ROHM	MCR18	57102000
R79	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R80	RESISTOR SMD 1206	301 OHM 1% 0.25W	ROHM	MCR18	57102600
R81	RESISTOR SMD 1206	301 OHM 1% 0.25W	ROHM	MCR18	57102600
R82	RESISTOR SMD 1206	301 OHM 1% 0.25W	ROHM	MCR18	57102600
R83	RESISTOR SMD 1206	301 OHM 1% 0.25W	ROHM	MCR18	57102600
R84	RESISTOR SMD 1206	149 OHM 1% 0.25W	ROHM	MCR18	57102500
R85	RESISTOR SMD 1206	237 OHM 1% 0.25W	ROHM	MCR18	57102400
R86	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R87	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R88	RESISTOR SMD 1206	6k8 OHM 5% 0.25W	ROHM	MCR18 EZH J 682	57002600
R89	RESISTOR SMD 1206	2m2 OHM 5% 0.25W	ROHM	MCR18	57007800
R90	RESISTOR SMD 1206	39k OHM 5% 0.25W	ROHM	MCR18	57003400
R91	RESISTOR SMD 1206	10k0 OHM 1% 0.25W	ROHM	MCR18	57100100
R92	RESISTOR SMD 1206	68 OHM 5% 0.25W	ROHM	MCR18	57000800
R93	RESISTOR SMD 1206	39k OHM 5% 0.25W	ROHM	MCR18	57003400
R94	RESISTOR SMD 1206	39k OHM 5% 0.25W	ROHM	MCR18	57003400
R95	RESISTOR SMD 1206	6k8 OHM 5% 0.25W	ROHM	MCR18 EZH J 682	57002600
R96	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
R97	RESISTOR SMD 1206	3k3 OHM 5% 0.25W	ROHM	MCR18	57002200
R98	RESISTOR SMD 1206	10 OHM 5% 0.25W	ROHM	MCR18	57004800
R99	RESISTOR SMD 1206	10 OHM 5% 0.25W	ROHM	MCR18	57004800
R100	RESISTOR SMD 1206	10 OHM 5% 0.25W	ROHM	MCR18	57004800
R101	RESISTOR SMD 1206	10 OHM 5% 0.25W	ROHM	MCR18	57004800
R102	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
R103	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
R104	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
R105	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
R106	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
R107	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
R108	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
R109	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
R110	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
R111	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
R113	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
R114	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
R115	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
R116	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
R117	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
R118	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
R119	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
R120	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
R121	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
R122	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
R123	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
R124	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
R125	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
R126	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
R127	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
R128	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
R129	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600

PARTSLIST

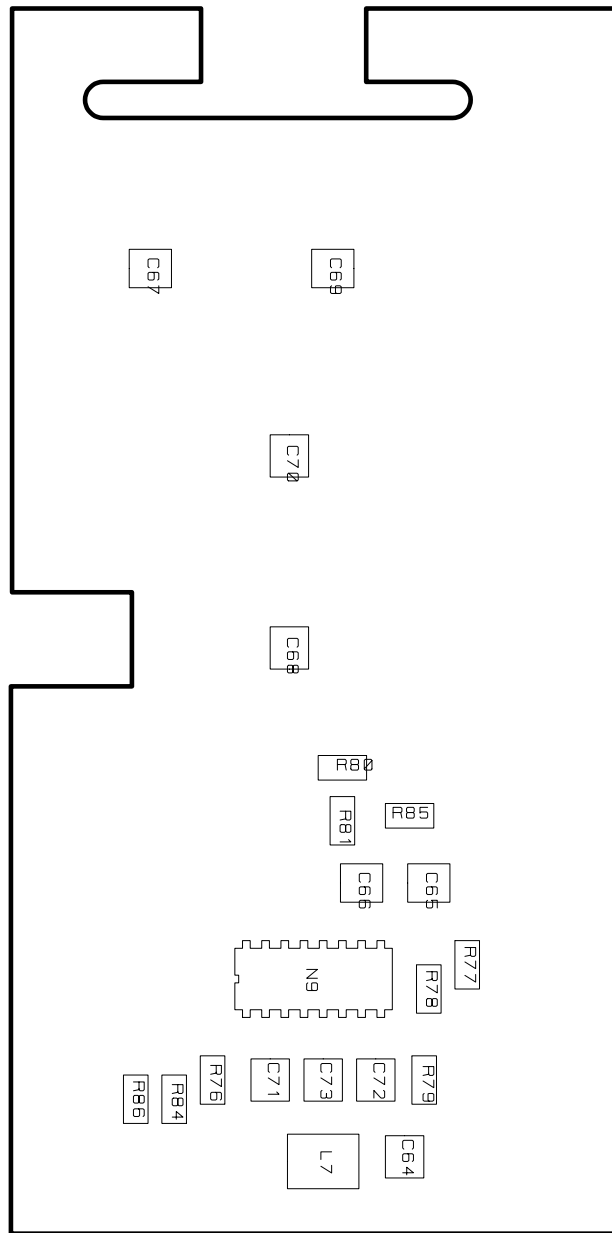
POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
R130	RESISTOR SMD 1206	47 OHM 5% 0.25W	ROHM	MCR18	57000600
R131	RESISTOR SMD 1206	10 OHM 5% 0.25W	ROHM	MCR18	57004800
R132	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R133	RESISTOR SMD 1206	27 OHM 5% 0.25W	ROHM	MCR18 EZH J 270	57000400
R134	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R135	RESISTOR SMD 1206	825 OHM 1% 0.25W	ROHM	MCR18	57108000
R136	RESISTOR SMD 1206	22 OHM 5% 0.25W	ROHM	MCR18	57005700
R137	RESISTOR SMD 1206	22 OHM 5% 0.25W	ROHM	MCR18	57005700
R138	RESISTOR SMD 1206	22 OHM 5% 0.25W	ROHM	MCR18	57005700
R139	RESISTOR SMD 1206	22 OHM 5% 0.25W	ROHM	MCR18	57005700
R140	RESISTOR SMD 1206	22 OHM 5% 0.25W	ROHM	MCR18	57005700
R141	RESISTOR SMD 1206	22 OHM 5% 0.25W	ROHM	MCR18	57005700
R142	RESISTOR SMD 1206	27 OHM 5% 0.25W	ROHM	MCR18 EZH J 270	57000400
R143	RESISTOR SMD 1206	27 OHM 5% 0.25W	ROHM	MCR18 EZH J 270	57000400
R144	RESISTOR SMD 1206	27 OHM 5% 0.25W	ROHM	MCR18 EZH J 270	57000400
R145	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R146	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R147	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R148	RESISTOR SMD 1206	22 OHM 5% 0.25W	ROHM	MCR18	57005700
R149	RESISTOR SMD 1206	22 OHM 5% 0.25W	ROHM	MCR18	57005700
R150	RESISTOR SMD 1206	22 OHM 5% 0.25W	ROHM	MCR18	57005700
R152	RESISTOR SMD 1206	22 OHM 5% 0.25W	ROHM	MCR18	57005700
R153	RESISTOR SMD 1206	22 OHM 5% 0.25W	ROHM	MCR18	57005700
R154	RESISTOR SMD 1206	22 OHM 5% 0.25W	ROHM	MCR18	57005700
R155	RESISTOR SMD 1206	22 OHM 5% 0.25W	ROHM	MCR18	57005700
R156	RESISTOR SMD 1206	22 OHM 5% 0.25W	ROHM	MCR18	57005700
R157	RESISTOR SMD 1206	22 OHM 5% 0.25W	ROHM	MCR18	57005700
R158	RESISTOR SMD 1206	22 OHM 5% 0.25W	ROHM	MCR18	57005700
R159	RESISTOR SMD 1206	22 OHM 5% 0.25W	ROHM	MCR18	57005700
R160	RESISTOR SMD 1206	22 OHM 5% 0.25W	ROHM	MCR18	57005700
R161	RESISTOR SMD 1206	22 OHM 5% 0.25W	ROHM	MCR18	57005700
R162	RESISTOR SMD 1206	22 OHM 5% 0.25W	ROHM	MCR18	57005700
R163	RESISTOR SMD 1206	22 OHM 5% 0.25W	ROHM	MCR18	57005700
R164	RESISTOR SMD 1206	22 OHM 5% 0.25W	ROHM	MCR18	57005700
R165	RESISTOR SMD 1206	22 OHM 5% 0.25W	ROHM	MCR18	57005700
R166	RESISTOR SMD 1206	22 OHM 5% 0.25W	ROHM	MCR18	57005700
R167	RESISTOR SMD 1206	22 OHM 5% 0.25W	ROHM	MCR18	57005700
R168	RESISTOR SMD 1206	27 OHM 5% 0.25W	ROHM	MCR18 EZH J 270	57000400
R169	RESISTOR SMD 1206	3k3 OHM 5% 0.25W	ROHM	MCR18	57002200
R170	RESISTOR SMD 1206	6k8 OHM 5% 0.25W	ROHM	MCR18 EZH J 682	57002600
R171	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R172	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R173	RESISTOR SMD 1206	6k8 OHM 5% 0.25W	ROHM	MCR18 EZH J 682	57002600
R174	RESISTOR SMD 1206	27 OHM 5% 0.25W	ROHM	MCR18 EZH J 270	57000400
R175	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R176	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R177	RESISTOR SMD 1206	3k3 OHM 5% 0.25W	ROHM	MCR18	57002200
R178	RESISTOR SMD 1206	1k00 OHM 1% 0.25W	ROHM	MCR18	57107900
R179	RESISTOR NTC	15k OHM	BETATHERM	15K3A1 BETATHERM	59141500
R180	RESISTOR SMD 1206	2k2 OHM 5% 0.25W	ROHM	MCR18	57002000
R181	RESISTOR SMD 1206	8k25 OHM 1% 0.25W	ROHM	MCR18	57107800
R186	RESISTOR SMD 1206	10 OHM 5% 0.25W	ROHM	MCR18	57004800
R188	RESISTOR SMD 1206	1k0 OHM 5% 0.25W	ROHM	MCR18 EZH J 102	57001800
V2	DIODE ZENER 24V 5%	BZV55C24, ZMM24	PHILIPS	BZV55C24	83730400
V3	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V5	TRANS. AF SMALL SIGNAL	NPN, BC847B	PHILIPS	BC847B 215(235)	84720000
V6	DIODE ZENER 24V 5%	BZV55C24, ZMM24	PHILIPS	BZV55C24	83730400
V7	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V8	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V9	DIODE ZENER	5.1V 2% 0.5W SOD-80	TFK	TZM/B5V1	340.417
V10	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V11	DIODE SCHOTTKY	LL101A	ITT	LL101A(B,C) TAPE&REEL	83710100
V12	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V13	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V14	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V15	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V16	TRANSISTOR AF NPN SOT-23	BC817-25	PHILIPS	BC817-25	345.017
V17	DIODE ZENER SMD SOD 80	15V 5% 0.5W,BZV55C15,ZMM1	PHILIPS	BZV55C15	83730500
V18	DIODE SWITCH HIGH SPEED	PMLL4148, 4446, 4448	PHILIPS	PMLL4148(4446)(4448) 115	83710000
V19	DIODE ZENER	5.1V 2% 0.5W SOD-80	TFK	TZM/B5V1	340.417
V20	DIODE SCHOTTKY	LL101A	ITT	LL101A(B,C) TAPE&REEL	83710100
V21	DIODE SCHOTTKY	LL101A	ITT	LL101A(B,C) TAPE&REEL	83710100
V22	JFET N CHANNEL	SST5484, BF5484,MMBF5484	SILICONIX	SST5484	84760100
V23	DIODE SCHOTTKY	LL101A	ITT	LL101A(B,C) TAPE&REEL	83710100

PARTSLIST

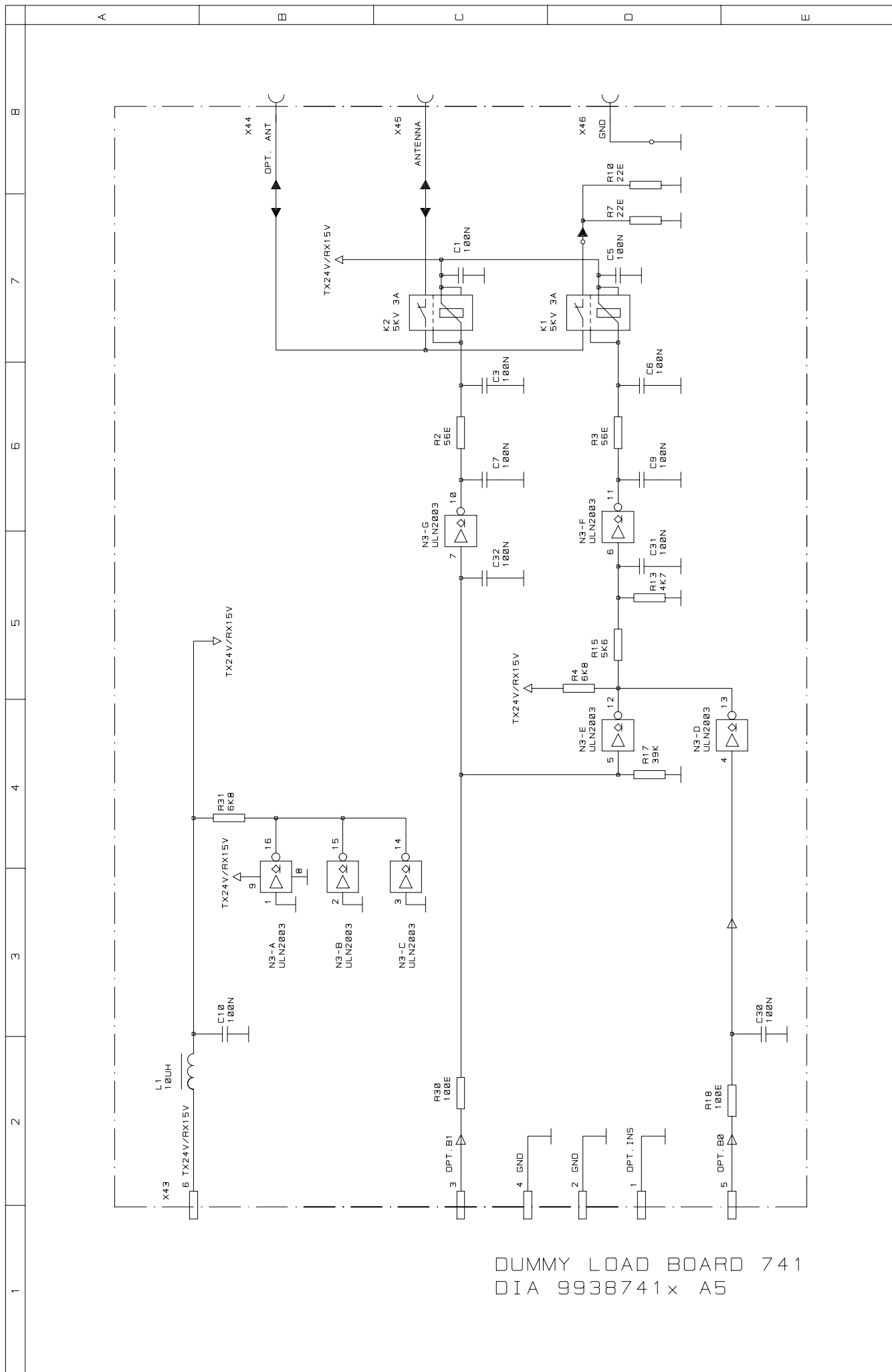
POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
V24	DIODE SCHOTTKY	LL101A	ITT	LL101A(B,C) TAPE&REEL	83710100
V26	DIODE SCHOTTKY	LL101A	ITT	LL101A(B,C) TAPE&REEL	83710100
V52	DIODE SCHOTTKY	LL101A	ITT	LL101A(B,C) TAPE&REEL	83710100
V53	DIODE SCHOTTKY	LL101A	ITT	LL101A(B,C) TAPE&REEL	83710100
V54	DIODE ZENER	10V 2% 0.5W SOD-80	AEG	TZM/B 10	83731400
R500	RESISTOR HIGH VOLTAGE	10M OHM 0.5W	PHILIPS	2322-242-13106	51261000
T1	DIRECTIONAL COUPLER		ECI A/S	983 578 93	10760080
T2	CURRENT TRANSFORMER		ECI A/S	983 790 91B	10780160
T3	CURRENT TRANSFORMER		ECI A/S	983 790 91B	10780160
T4	CURRENT TRANSFORMER		ECI A/S	983 790 91B	10780160
D1	4-BIT SYNCR. BIN. COUNTER	74HC161(A)	MOTOROLA	MC74HC161AD R1(R2)	85980700
D2	DUAL D-FF SET/RESET	74HC74	MOTOROLA	MC74HC74D R2	355.223
D3	HEX SCHMITT-TRIG INVERTER	74HC14(A)	TEXAS	SN74HC14D R	85980300
D4	4-BIT SYNCR. BIN. COUNTER	74HC161(A)	MOTOROLA	MC74HC161AD R1(R2)	85980700
D5	OCTAL D-TYPE LATCH 3-STAT	74HC573	TEXAS	SN74HC573DW	85980200
D6	8 BIT CPU	HD6303RFP	HITACHI	HD6303RFP	85960400
D7	8-CH.MULTIPLEXER	74HC4051	RCA/HARRIS	CD74HC4051M TAPE&REEL	85981000
D8	SRAM 8kx8 Taa<=150nSecs	UM6264BM,MSM5165AL,HM6264	UMC	UM 6264BM-10L	356.310
D9	QUAD 2-INPUT OR GATE	74HC32(A)	NATIONAL	MM74HC32M TAPE & REEL	85980600
D10	SINGLE PRECISION TIMER	NE555D/LM555CM	PHILIPS	NE555D TAPE&REEL	351.105
D11	3 TO 8 LINE DECODER	74HC138	TEXAS	SN74HC138D R	355.235
D12	3 TO 8 LINE DECODER	74HC138	TEXAS	SN74HC138D R	355.235
D13	INTEGRATED CIRCUIT	UVEPROM 8kx8 Taa<=200nSec	AMD	AM27C64-200DC(DI)	85027642
D14	QUAD 2 INPUT NAND GATE	74HC00	NATIONAL	MM74HC00M TAPE&REEL	85980000
D15	QUAD 2-INPUT OR GATE	74HC32(A)	NATIONAL	MM74HC32M TAPE & REEL	85980600
D16	8-CH.MULTIPLEXER	74HC4051	RCA/HARRIS	CD74HC4051M TAPE&REEL	85981000
D17	OCTAL D-FF POS. EDGE TRIG	74HC574	TEXAS	SN74HC574DWR	85980400
D18	OCTAL D-FF POS. EDGE TRIG	74HC574	TEXAS	SN74HC574DWR	85980400
D19	OCTAL D-FF POS. EDGE TRIG	74HC574	TEXAS	SN74HC574DWR	85980400
D20	OCTAL D-FF POS. EDGE TRIG	74HC574	TEXAS	SN74HC574DWR	85980400
D21	OCTAL D-FF POS. EDGE TRIG	74HC574	TEXAS	SN74HC574DWR	85980400
D22	POW.DARLINGTON DRIVER x 7	ULN2003A/MC1413	TEXAS	ULN2003AD R	85990500
D23	POW.DARLINGTON DRIVER x 7	ULN2003A/MC1413	TEXAS	ULN2003AD R	85990500
D24	POW.DARLINGTON DRIVER x 7	ULN2003A/MC1413	TEXAS	ULN2003AD R	85990500
D25	POW.DARLINGTON DRIVER x 7	ULN2003A/MC1413	TEXAS	ULN2003AD R	85990500
U1	DIODE MIXER +7dBm	HPF505, SRA-1	MINI CIRCUIT	HPF 505	85000011
N2	DUAL LOW POW. OP AMP	LM358	MOTOROLA	LM358D R2 (LM358AD R2)	350.525
N3	TRIPLE 2-CHANNEL ANALOG	MULTIPLEXER, 74HC4053	HARRIS	CD74HC4053M	355.313
N4	DUAL VOLTAGE COMPERATOR	LM2903	MOTOROLA	LM2903DR2(R1)	85890100
N5	DUAL J-FET OP AMP SO8	LF353, TL072	TEXAS	TL072CDR	85810400
N6	8 BIT D/A CONVERTER	DAC08,DAC0801	NATIONAL	DAC0801LCM	351.805
Z1	CRYSTAL 4.000MHz 100ppm		JAUCH	SMQ 400	81250000



DUMMY LOAD BOARD 741
99387411 A5
VIEWED FROM TOP SIDE



DUMMY LOAD BOARD 741
 99387411 A5
 VIEWED FROM BOTTOM SIDE



PARTS LIST

PCB 741 VER. A5.1			ECI A/S	DIA A5/COMP A5	10787411
POSITION	DESCRIPTION		MANUFACTOR	TYPE	PART NO.
C1	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C3	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C5	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C6	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C7	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C9	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C10	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C30	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C31	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
C32	CAPACITOR CERAM. SMD 1210	100nF 10% X7R 50VDC	VITRAMON	VJ1210Y104KXAT	67101100
X43	RIBBON CALE L=55mm	uMATCH MALE/FEMALE	ELFAC	37377751A	37377751
K1	REED RELAY 24VDC	1BREAK 3A/4kVRF	CRYDOM LTD	FRS 42099	37378171
K2	REED RELAY 24VDC	1BREAK 3A/4kVRF	CRYDOM LTD	FRS 42099	37378171
L1	CHOKE FIXED SMD 1812	10uH 10%	PANASONIC	ELJ-FB100KF	74101200
R2	RESISTOR SMD 1206	56 OHM 5% 0.25W	ROHM	MCR18	57000700
R3	RESISTOR SMD 1206	56 OHM 5% 0.25W	ROHM	MCR18	57000700
R4	RESISTOR SMD 1206	6k8 OHM 5% 0.25W	ROHM	MCR18 EZH J 682	57002600
R7	RESISTOR PMF	22 OHM 5% 5W	WELWYN	MO5S 22R J R	54712201
R10	RESISTOR PMF	22 OHM 5% 5W	WELWYN	MO5S 22R J R	54712201
R13	RESISTOR SMD 1206	4k7 OHM 5% 0.25W	ROHM	MCR18 EZH J 472	57002400
R15	RESISTOR SMD 1206	5k6 OHM 5% 0.25W	ROHM	MCR18 EZH J 562	57002500
R17	RESISTOR SMD 1206	39k OHM 5% 0.25W	ROHM	MCR18	57003400
R18	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R30	RESISTOR SMD 1206	100 OHM 5% 0.25W	ROHM	MCR18	57001000
R31	RESISTOR SMD 1206	6k8 OHM 5% 0.25W	ROHM	MCR18 EZH J 682	57002600
N3	POW.DARLINGTON DRIVER x 7	ULN2003A/MC1413	TEXAS	ULN2003AD R	85990500