

6 Parts lists

HxC AF & MMI UNIT 32261			ECI A/S	5-5-32261D / 5-6-32261D	632261
POSITION	DESCRIPTION		MANUFACTURER	TYPE	PART NO.
C1	CAPACITOR ELECTROLYTIC SM	10uF 20% 16VDC	EUROPE CHEMICON	Al-Chip-MKV 16V/10 M	333.079
C2	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C3	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C4	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C5	CAPACITOR TANTALUM	4u7F 10% 10VDC	SIEMENS	B-5196-E2475-K209	67701100
C6	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C7	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C8	CAPACITOR CERAM. SMD 0805	15pF 5% NPO 50VDC	TDK	C2012 COG 1H 150 J T NiBa	323.076
C9	CAPACITOR CERAM. SMD 0805	15pF 5% NPO 50VDC	TDK	C2012 COG 1H 150 J T NiBa	323.076
C10	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C11	CAPACITOR ELECTROLYTIC SM	10uF 20% 16VDC	EUROPE CHEMICON	Al-Chip-MKV 16V/10 M	333.079
C12	CAPACITOR TANTALUM	4u7F 10% 10VDC	SIEMENS	B-5196-E2475-K209	67701100
C13	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C14	CAPACITOR TANTALUM 3528	2u2F 20% 16VDC	ERO	CB 225020 M E17	334.028
C15	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C16	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C17	CAPACITOR ELECTROLYTIC SM	47uF 20% 16VDC	ERO	ECV 00 AD 247 D A0	333.175
C18	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C19	CAPACITOR CERAM. SMD 0805	47pF 5% N150 50VDC	MURATA	GRM40 P2H 470 J 50 PT	323.482
C20	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C21	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C22	CAPACITOR CERAM. SMD 1206	1u0F -20/80% Y5V 16VDC	MURATA	GRM42-6 Y5V 105 Z 16 PT10	328.806
C23	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C24	CAPACITOR TANTALUM 3528	2u2F 20% 16VDC	ERO	CB 225020 M E17	334.028
C25	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C26	CAPACITOR ELECTROLYTIC SM	4u7F 20% 25VDC	EUROPE CHEMICON	Al-Chip-MVK 35V/4.7 M	333.075
C27	CAPACITOR CERAM. SMD 0805	270pF 5% NPO 50VDC	TDK	C2012 COG 1H 271 J T NiBa	323.091
C28	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C29	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C30	CAPACITOR CERAM. SMD 0805	4n7F 10% X7R 50VDC	TDK	C2012 X7R 1H 472 K T NiBa	328.332
C31	CAPACITOR CERAM. SMD 0805	270pF 5% NPO 50VDC	TDK	C2012 COG 1H 271 J T NiBa	323.091
C32	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C33	CAPACITOR CERAM. SMD 0805	100nF 10% X7R 25VDC	MURATA	GRM40 X7R 104 K 25 PT	328.348
C34	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C35	CAPACITOR CERAM. SMD 0805	4n7F 10% X7R 50VDC	TDK	C2012 X7R 1H 472 K T NiBa	328.332
C36	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C37	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C38	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C39	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C40	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C41	CAPACITOR ELECTROLYTIC SM	10uF 20% 16VDC	EUROPE CHEMICON	Al-Chip-MKV 16V/10 M	333.079
C42	CAPACITOR CERAM. SMD 1206	1u0F -20/80% Y5V 16VDC	MURATA	GRM42-6 Y5V 105 Z 16 PT10	328.806
C43	CAPACITOR CERAM. SMD 1206	1u0F -20/80% Y5V 16VDC	MURATA	GRM42-6 Y5V 105 Z 16 PT10	328.806
C44	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C45	CAPACITOR CERAM. SMD 1206	100nF 10% X7R 50VDC	MURATA	GRM42-6 X7R 104 K 50 PT	328.648
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 1206	100nF 10% X7R 50VDC	MURATA	GRM42-6 X7R 104 K 50 PT	328.648
C49	CAPACITOR ELECTROLYTIC SM	4u7F 20% 25VDC	EUROPE CHEMICON	Al-Chip-MVK 35V/4.7 M	333.075
C50	CAPACITOR ELECTROLYTIC SM	10uF 20% 16VDC	EUROPE CHEMICON	Al-Chip-MKV 16V/10 M	333.079
C51	CAPACITOR ELECTROLYTIC SM	10uF 20% 16VDC	EUROPE CHEMICON	Al-Chip-MKV 16V/10 M	333.079
C52	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C53	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C54	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
C55	CAPACITOR ELECTROLYTIC SM	1u0F 20% 50VDC	PANASONIC	EEV HA 1H V 010 R	333.067
C56	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C57	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C58	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C59	CAPACITOR CERAM. SMD 0805	100pF 5% NPO 50VDC	TDK	C2012 COG 1H 101 J T NiBa	323.086
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	15pF 5% NPO 50VDC	TDK	C2012 COG 1H 150 J T NiBa	323.076
C63	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C64	CAPACITOR CERAM. SMD 1206	1u0F -20/80% Y5V 16VDC	MURATA	GRM42-6 Y5V 105 Z 16 PT10	328.806
C65	CAPACITOR ELECTROLYTIC SM	10uF 20% 16VDC	EUROPE CHEMICON	Al-Chip-MKV 16V/10 M	333.079
C66	CAPACITOR CERAM. SMD 0805	100pF 5% NPO 50VDC	TDK	C2012 COG 1H 101 J T NiBa	323.086
C67	CAPACITOR CERAM. SMD 0805	100pF 5% NPO 50VDC	TDK	C2012 COG 1H 101 J T NiBa	323.086
C68	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336

POSITION	DESCRIPTION		MANUFACTURER	TYPE	PART NO.
R58	RESISTOR SMD 0805	10kΩ OHM 1% 50mW	PHILIPS	2322 734 2/61003	302.470
R59	RESISTOR SMD 0805	1kΩ OHM 5% 0.1W	ROHM	MCR 10 EZH J 102	302.048
R60	RESISTOR SMD 0805	100k OHM 1% 50mW	PHILIPS	2322 734 2/61004	302.570
R61	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R62	RESISTOR SMD 0805	220 OHM 5% 0.1W	ROHM	MCR 10 EZH J 221	302.040
R63	RESISTOR SMD 0805	39k OHM 5% 0.1W	ROHM	MCR 10 EZH J 393	302.067
R64	RESISTOR SMD 0805	8k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 822	302.059
R65	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R66	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R67	RESISTOR SMD 0805	47 OHM 5% 0.1W	ROHM	MCR 10 EZH J 47R	302.032
R68	RESISTOR SMD 0805	68k OHM 5% 0.1W	ROHM	MCR 10 EZH J 683	302.070
R69	RESISTOR SMD 0805	5k6 OHM 5% 0.1W	ROHM	MCR 10 EZH J 562	302.057
R70	RESISTOR SMD 0805	2k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 272	302.053
R71	RESISTOR SMD 0805	33k OHM 5% 0.1W	ROHM	MCR 10 EZH J 333	302.066
R72	RESISTOR SMD 0805	39k OHM 5% 0.1W	ROHM	MCR 10 EZH J 393	302.067
R73	RESISTOR SMD 0805	1k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 122	302.049
R74	RESISTOR SMD 0805	8k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 822	302.059
R75	RESISTOR SMD 0805	8k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 822	302.059
R76	RESISTOR SMD 0805	220 OHM 5% 0.1W	ROHM	MCR 10 EZH J 221	302.040
R77	RESISTOR SMD 0805	100k OHM 1% 50mW	PHILIPS	2322 734 2/61004	302.570
R78	RESISTOR SMD 0805	33k OHM 5% 0.1W	ROHM	MCR 10 EZH J 333	302.066
R79	RESISTOR SMD 0805	22 OHM 5% 0.1W	ROHM	MCR 10 EZH J 22R	302.028
R80	RESISTOR SMD 0805	1kΩ OHM 5% 0.1W	ROHM	MCR 10 EZH J 102	302.048
R81	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R82	RESISTOR SMD 0805	8k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 822	302.059
R83	RESISTOR SMD 0805	22k OHM 5% 0.1W	ROHM	MCR 10 EZH J 223	302.064
R84	RESISTOR SMD 0805	100k OHM 1% 50mW	PHILIPS	2322 734 2/61004	302.570
R85	RESISTOR SMD 0805	121k OHM 1% 50mW	PHILIPS	2322 734 2/61214	302.578
R86	RESISTOR SMD 0805	22 OHM 5% 0.1W	ROHM	MCR 10 EZH J 22R	302.028
R87	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
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	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R91	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R92	RESISTOR SMD 0805	100k OHM 1% 50mW	PHILIPS	2322 734 2/61004	302.570
R93	RESISTOR SMD 0805	1k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 122	302.049
R94	RESISTOR SMD 0805	16k2 OHM 1% 50mW	PHILIPS	2322 734 2/61623	302.490
R95	RESISTOR SMD 0805	121k OHM 1% 50mW	PHILIPS	2322 734 2/61214	302.578
R96	RESISTOR SMD 0805	1k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 122	302.049
R97	RESISTOR SMD 0805	16k2 OHM 1% 50mW	PHILIPS	2322 734 2/61623	302.490
R98	RESISTOR SMD 0805	9k53 OHM 1% 50mW	PHILIPS	2322 734 2/69532	302.454
R99	RESISTOR SMD 0805	9k53 OHM 1% 50mW	PHILIPS	2322 734 2/69532	302.454
R100	RESISTOR SMD 0805	3k3 OHM 5% 0.1W	ROHM	MCR 10 EZH J 332	302.054
R101	RESISTOR SMD 0805	120k OHM 5% 0.1W	ROHM	MCR 10 EZH J 124	302.073
R102	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R103	RESISTOR SMD 0805	4k99 OHM 1% 50mW	PHILIPS	2322 734 2/64992	302.437
R104	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R105	RESISTOR SMD 0805	0 OHM 2A	PHILIPS	2322 730 91002 (91003)	302.000
R106	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R107	RESISTOR SMD 0805	2k2 OHM 5% 0.1W	ROHM	MCR 10 EZH J 222	302.052
R108	RESISTOR SMD 0805	100 OHM 5% 0.1W	ROHM	MCR 10 EZH J 101	302.036
R109	RESISTOR SMD 0805	100k OHM 1% 50mW	PHILIPS	2322 734 2/61004	302.570
S1	PUSHBUTTON SWITCH 1 MAKE	PCB VERSION 5.2x5.2x1.5mm	ALPS	SKQGA8	373.521
S8	PUSHBUTTON SWITCH 1 MAKE	PCB VERSION 5.2x5.2x1.5mm	ALPS	SKQGA8	373.521
S9	PUSHBUTTON SWITCH 1 MAKE	PCB VERSION 5.2x5.2x1.5mm	ALPS	SKQGA8	373.521
S15	KEYSWITCH SPST 6.2x6.2mm	50V/10mA, FA=2N, KSC221GB	ITT	KSC221JB	373.511
S17	PUSHBUTTON SWITCH 1 MAKE	PCB VERSION 6.1x3.7x2.5mm	ALPS	SKQDAA	373.515
S18	PUSHBUTTON SWITCH 1 MAKE	PCB VERSION 5.2x5.2x1.5mm	ALPS	SKQGA8	373.521
V1	LIGHT BAR YELLOW	1.2x19.2mm	DENYO EUROPA GM	150-021	25.559
V2	DIODE DUAL SCHOTTKY	BAT54A	PHILIPS	BAT54A 215	340.553
V4	DIODE DUAL SCHOTTKY	BAT54C	PHILIPS	BAT54C 215	340.559
V6	LED SMD 1210 SUPER RED	10mCd/20mA CL-200SR	CITIZEN	CL-200SR-C-TU	342.542
V7	LED SMD 1210 SUPER RED	10mCd/20mA CL-200SR	CITIZEN	CL-200SR-C-TU	342.542
V8	LED SMD 1210 YELLOW	15mCd/20mA CL-200Y	CITIZEN	CL-200Y-C-TU	342.547
V9	LED SMD 0805 YELLOW	5mCd/20mA CL170Y	CITIZEN	CL-170 Y-C D-T	342.525
V10	LED SMD 0805 YELLOW	5mCd/20mA CL170Y	CITIZEN	CL-170 Y-C D-T	342.525
V11	LED SMD 0805 YELLOW	5mCd/20mA CL170Y	CITIZEN	CL-170 Y-C D-T	342.525
V12	LED SMD 0805 YELLOW	5mCd/20mA CL170Y	CITIZEN	CL-170 Y-C D-T	342.525
V13	LED SMD 0805 YELLOW	5mCd/20mA CL170Y	CITIZEN	CL-170 Y-C D-T	342.525
V14	DISPLAY LCD F. HTC4000	50x34x2.85mm	GLORY SOUND LTD	0-3-31992B	342.553
V15	MOSFET POWER, P-CHANNEL	1RFR9020 ME8P06	IR	1RFR9020-TR	347.527
V16	LED SMD 0805 YELLOW	5mCd/20mA CL170Y	CITIZEN	CL-170 Y-C D-T	342.525
V17	LED SMD 1210 GREEN	20mCd/20mA CL-200G	CITIZEN	CL-200G-C-TU	342.541
V18	TRANS. AF SMALL SIGNAL	NPN, BC848B	MOTOROLA	BC848BLT1 (T3)	345.543

POSITION	DESCRIPTION		MANUFACTURER	TYPE	PART NO.
HOOK CONNECTION 32262			ECI A/S	5-6-32262C / 4-0-32262B	632262
POSITION	DESCRIPTION		MANUFACTURER	TYPE	PART NO.
X1	TERMINAL BLOCK	15 POLES 1.5mm2	PTR	AK300/15b m.MESS.SKRUER	81.022
X2	SOCKET 90 DEG. 4-40 BUSH.	15 POLES SUB D W/O SCREW	TAITEK	HDR-15 S 1 2	78.729
X3	TERMINAL BLOCK	15 POLES 1.5mm2	PTR	AK300/15b m.MESS.SKRUER	81.022
R1	RESISTOR MF	120 OHM 5% 0.33W	PHILIPS	2322 187 73121	02.450
R2	RESISTOR MF	560 OHM 5% 0.33W	PHILIPS	2322 187 73561	02.466
R3	RESISTOR MF	91k OHM 5% 0.33W	PHILIPS	2322 187 73913	02.519
R4	RESISTOR MF	56k OHM 5% 0.33W	PHILIPS	2322 187 73563	02.514
S1	SIL SQUARE PINS	2 POLES CC=1/10"	AMP	0-826629-2	78.322
S2	KEYSWITCH MINIATURE SPST	7.4x7.4mm	ITT	KSA0M210	43.524
S3	KEYSWITCH SP N-O	14.4X14.4mm	MARQUARDT	6425.1101	43.525
V1	LED SUB. MIN YELLOW	3.6mCd/10mA	H.P.	HLMP-6405 OPTION 1S1	25.658
V2	LED SUB. MIN YELLOW	3.6mCd/10mA	H.P.	HLMP-6405 OPTION 1S1	25.658

POSITION	DESCRIPTION		MANUFACTURER	TYPE	PART NO.
V19	LED SMD 1210 SUPER RED	10mCd/20mA CL-200SR	CITIZEN	CL-200SR-C-TU	342.042
V20	TRANS. AF SMALL SIGNAL	NPN, BC848B	MOTOROLA	BC848BLT1 (T3)	345.048
V21	LED SMD 0805 YELLOW	5mCd/20mA CL170Y	CITIZEN	CL-170 Y-C D-T	342.026
V22	TRANS. AF SMALL SIGNAL	NPN, BC848B	MOTOROLA	BC848BLT1 (T3)	345.048
V23	LED SMD 0805 YELLOW	5mCd/20mA CL170Y	CITIZEN	CL-170 Y-C D-T	342.026
V24	LED SMD 0805 YELLOW	5mCd/20mA CL170Y	CITIZEN	CL-170 Y-C D-T	342.026
V25	LED SMD 0805 YELLOW	5mCd/20mA CL170Y	CITIZEN	CL-170 Y-C D-T	342.026
V26	LED SMD 0805 YELLOW	5mCd/20mA CL170Y	CITIZEN	CL-170 Y-C D-T	342.026
V27	LED SMD 0805 YELLOW	5mCd/20mA CL170Y	CITIZEN	CL-170 Y-C D-T	342.026
V28	LIGHT BAR YELLOW	1.2x19.2mm	DENYO EUROPA GM	150-021	25.699
V29	TRANS. AF SMALL SIGNAL	NPN, BC848B	MOTOROLA	BC848BLT1 (T3)	345.048
N1	VOLTAGE REGULATOR FIXED	5V/0.1A LE50AB	ST	LE50ABD TAPE&REEL	350.106
N2	DUAL CMOS OPAMP	LMC662	NATIONAL	LMC662CMX	85810900
N3	DUAL AUDIO ATTENUATOR	WITH MUTE LM1972	NATIONAL	LM1972	351.202
N4	AF POWER AMPLIFIER 1W	LM4860	NATIONAL	LM4860MX	350.675
N6	VOLTAGE REGULATOR FIXED	8V/0.1A LE80AB	ST	LE80ABD TAPE&REEL	350.107
N7	QUAD OP.AMP.	LM324	MOTOROLA	LM324D R2	350.530
N8	QUAD BILATERAL SWITCH	CD4066BC	MOTOROLA	MC14066BD R2(R1)	355.066
N9	QUAD OP.AMP.	LM324	MOTOROLA	LM324D R2	350.530
N10	LOW POWER AUDIO AMPLIFIER	MC34119	MOTOROLA	MC34119D R2(R1)	85870000
N11	DUAL CMOS OPAMP	LMC662	NATIONAL	LMC662CMX	85810900
Z1	XTAL 4.9152MHz 50ppm		RALTRON	HC49/S 4.9152 30pF SMD T	372.004

POSITION	DESCRIPTION		MANUFACTURER	TYPE	PART NO.
C69	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C70	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C71	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C72	CAPACITOR CERAM. SMD 0805	1n0F 10% X7R 50VDC	MURATA	GRM40 X7R 102 K 50 PT	328.324
C73	CAPACITOR CERAM. SMD 0805	10nF 10% X7R 50VDC	MURATA	GRM40 X7R 103 K 50 PT	328.336
D1	WATCH DOG 5V INCL. TIMER	MAX705, ADM705	MAXIM	MAX705CSA (ESA) REEL	356.642
D2	8-BIT SHIFT REG. W.LATCH	74HC595	MOTOROLA	MC74HC595D R2	355.296
D3	EEPROM 2k BIT SERIAL	X25020, AT25020	XICOR	X25020S T5, (X25020S-3 T5)	356.319
D4	PROGRAMMED OTP-CPU, D4 I.	632261 & 632263	ECI A/S	0-0-32461B	73246100
D5	RS485 LOW EMI TRANCEIVER	MAX483, LTC1483	MAXIM	MAX483 CSA(ESA) TAPE&REEL	356.606
F1	FUSE SMD 2914	630mA FF	SHURTER	3402.0008.24	374.005
X1	PLUG 2 POLES CC=1.5mm	PCB VERSION	JST	S 2B-ZR-SM3A-TF	375.060
X2	PLUG 5 POLES RIGHT ANGLE	CC=2mm, PCB VERSION	JST	S 5B-PH-SM3-TB	375.125
X3	PLUG 7 POLES RIGHT ANGLE	CC=2mm, PCB VERSION	JST	S 7B-PH-SM3-TB	375.127
X4	PLUG 2 POLES CC=1.5mm	PCB VERSION	JST	S 2B-ZR-SM3A-TF	375.060
X5	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	100k OHM 1% 50mW	PHILIPS	2322 734 2/61004	302.570
R2	RESISTOR SMD 0805	22k OHM 5% 0.1W	ROHM	MCR 10 EZH J 223	302.064
R3	RESISTOR SMD 0805	47 OHM 5% 0.1W	ROHM	MCR 10 EZH J 47R	302.032
R4	RESISTOR SMD 0805	100k OHM 1% 50mW	PHILIPS	2322 734 2/61004	302.570
R5	RESISTOR SMD 0805	820 OHM 5% 0.1W	ROHM	MCR 10 EZH J 821	302.047
R6	RESISTOR SMD 0805	220 OHM 5% 0.1W	ROHM	MCR 10 EZH J 221	302.040
R7	RESISTOR SMD 0805	100k OHM 1% 50mW	PHILIPS	2322 734 2/61004	302.570
R8	RESISTOR SMD 0805	100k OHM 1% 50mW	PHILIPS	2322 734 2/61004	302.570
R9	RESISTOR SMD 0805	100k OHM 1% 50mW	PHILIPS	2322 734 2/61004	302.570
R10	RESISTOR SMD 0805	100k OHM 1% 50mW	PHILIPS	2322 734 2/61004	302.570
R11	RESISTOR SMD 0805	820 OHM 5% 0.1W	ROHM	MCR 10 EZH J 821	302.047
R12	RESISTOR SMD 0805	220 OHM 5% 0.1W	ROHM	MCR 10 EZH J 221	302.040
R13	RESISTOR SMD 0805	220 OHM 5% 0.1W	ROHM	MCR 10 EZH J 221	302.040
R14	RESISTOR SMD 0805	220 OHM 5% 0.1W	ROHM	MCR 10 EZH J 221	302.040
R15	RESISTOR SMD 0805	1M0 OHM 5% 0.1W	ROHM	MCR 10 EZH J 105	302.084
R16	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R17	RESISTOR SMD 0805	820 OHM 5% 0.1W	ROHM	MCR 10 EZH J 821	302.047
R18	RESISTOR SMD 0805	100k OHM 1% 50mW	PHILIPS	2322 734 2/61004	302.570
R19	RESISTOR SMD 0805	2k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 272	302.053
R20	RESISTOR SMD 0805	2k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 272	302.053
R21	RESISTOR SMD 0805	2k7 OHM 5% 0.1W	ROHM	MCR 10 EZH J 272	302.053
R22	RESISTOR SMD 0805	56k OHM 5% 0.1W	ROHM	MCR 10 EZH J 563	302.069
R23	RESISTOR SMD 0805	100k OHM 1% 50mW	PHILIPS	2322 734 2/61004	302.570
R24	RESISTOR SMD 0805	100k OHM 1% 50mW	PHILIPS	2322 734 2/61004	302.570
R25	RESISTOR SMD 0805	27k OHM 5% 0.1W	ROHM	MCR 10 EZH J 273	302.065
R26	RESISTOR SMD 0805	100k OHM 1% 50mW	PHILIPS	2322 734 2/61004	302.570
R27	RESISTOR SMD 0805	100k OHM 1% 50mW	PHILIPS	2322 734 2/61004	302.570
R28	RESISTOR SMD 0805	100k OHM 1% 50mW	PHILIPS	2322 734 2/61004	302.570
R29	RESISTOR SMD 0805	100k OHM 1% 50mW	PHILIPS	2322 734 2/61004	302.570
R30	RESISTOR SMD 0805	270k OHM 5% 0.1W	ROHM	MCR 10 EZH J 274	302.077
R31	RESISTOR SMD 0805	820 OHM 5% 0.1W	ROHM	MCR 10 EZH J 821	302.047
R32	RESISTOR SMD 0805	100k OHM 1% 50mW	PHILIPS	2322 734 2/61004	302.570
R33	RESISTOR SMD 0805	100k OHM 1% 50mW	PHILIPS	2322 734 2/61004	302.570
R34	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R35	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R36	RESISTOR SMD 0805	47k OHM 5% 0.1W	ROHM	MCR 10 EZH J 473	302.068
R37	RESISTOR SMD 0805	100k OHM 1% 50mW	PHILIPS	2322 734 2/61004	302.570
R38	RESISTOR SMD 0805	100k OHM 1% 50mW	PHILIPS	2322 734 2/61004	302.570
R39	RESISTOR SMD 0805	100k OHM 1% 50mW	PHILIPS	2322 734 2/61004	302.570
R40	RESISTOR SMD 0805	100k OHM 1% 50mW	PHILIPS	2322 734 2/61004	302.570
R41	RESISTOR SMD 0805	100k OHM 1% 50mW	PHILIPS	2322 734 2/61004	302.570
R42	RESISTOR SMD 0805	100k OHM 1% 50mW	PHILIPS	2322 734 2/61004	302.570
R43	RESISTOR SMD 0805	100k OHM 1% 50mW	PHILIPS	2322 734 2/61004	302.570
R44	RESISTOR SMD 0805	6k81 OHM 1% 50mW	PHILIPS	2322 734 2/66812	302.450
R45	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R46	RESISTOR SMD 0805	100k OHM 1% 50mW	PHILIPS	2322 734 2/61004	302.570
R47	RESISTOR SMD 0805	100k OHM 1% 50mW	PHILIPS	2322 734 2/61004	302.570
R48	RESISTOR SMD 0805	10k OHM 5% 0.1W	ROHM	MCR 10 EZH J 103	302.060
R49	RESISTOR SMD 0805	100k OHM 1% 50mW	PHILIPS	2322 734 2/61004	302.570
R50	RESISTOR SMD 0805	3k32 OHM 1% 50mW	PHILIPS	2322 734 2/63322	302.420
R51	RESISTOR SMD 0805	220 OHM 5% 0.1W	ROHM	MCR 10 EZH J 221	302.040
R52	RESISTOR SMD 0805	3k9 OHM 5% 0.1W	ROHM	MCR 10 EZH J 392	302.055
R53	RESISTOR SMD 0805	47 OHM 5% 0.1W	ROHM	MCR 10 EZH J 47R	302.032
R54	RESISTOR SMD 0805	33 OHM 5% 0.1W	ROHM	MCR 10 EZH J 33R	302.030
R55	RESISTOR SMD 0805	820 OHM 5% 0.1W	ROHM	MCR 10 EZH J 821	302.047
R56	RESISTOR SMD 0805	100k OHM 1% 50mW	PHILIPS	2322 734 2/61004	302.570
R57	RESISTOR SMD 0805	100k OHM 1% 50mW	PHILIPS	2322 734 2/61004	302.570