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INTRODUCTION

1 This section provides the part numbers for modules, assemblies, and components that comprise the 3000DV2 transceivers.

SPARES POLICY

2 Two levels of spares holdings are considered necessary to support the transceiver: module spares as detailed in paragraph 4, and component spares as detailed in paragraphs 6 to 11 .

COMPONENT SPARES KIT

3 A component spares kit is available that has been determined from individual component MTBF figures and is intended to support one equipment for a minimum of 2 years. The comprehensive spares kit includes electrolytic capacitors, potentiometers, switches, transformers and semiconductors (including integrated circuits).

MODULE SPARES

4 Module spares consist of fully tested burnt-in replacement modules and assemblies as follows:

Mainframe

Front panel assembly (transceivers).....	68-30600029
Front panel assembly (transmitters)	68-31600029
Front panel assembly (receivers)	68-32600029
Front panel (BIT assembly).....	68-30400034
Rear panel assembly	68-30400019
Power supply unit	68-30400020
Front interconnect PCB	68-30600014
Main interconnect PCB	68-30400013
Antenna assembly	68-30600022
Antenna filter assembly	68-30000050
Guard combiner PCB	68-30600009

Transmitter

Tx audio and control module	68-30600030
VHF RF power amplifier assembly (3070V2 and 3170V2 models)	68-30700001
UHF RF power amplifier assembly (3040V2 and 3140V2 models)	68-30300007
VHF/UHF RF power amplifier assembly (3060V2 and 3160V2 models)	68-30600024
VHF Filter/coupler assembly (3070V2 and 3170V2 models)	68-30700002
UHF Filter/coupler assembly (3040V2 and 3140V2 models)	68-30300001
VHF/UHF Filter/coupler assembly (3060V2 and 3160V2 models)	68-30600025
VHF directional coupler	68-30000097
UHF directional coupler	68-30000099

Receiver

Receiver RF module	68-30600006
Receiver IF and audio module	68-30600031

Synthesiser

Synthesiser module	68-30600032
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Guard Receiver (Optional)

Guard receiver module	68-30600021
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Remote Control

Remote control module	68-30600033
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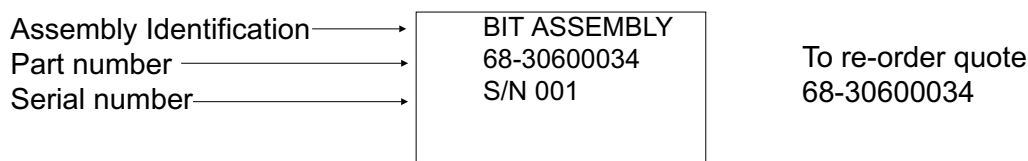
Have Quick II module	68-30400022
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Quick Fox module	68-30600027
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Note...

Extender card part number is - PAE Part No. 24-24003040.

5 To re-order an assembly or module the full part number as detailed on the identification label, affixed to the assembly or module, must be quoted as shown in the following example:



Note ...

In the following parts list certain I²C integrated circuits have similar descriptions (although different part numbers); the only difference in the descriptions is the omission or addition of the letter 'A', i.e. IC-SMT-PCF8574T-I²C I/O and IC-SMT-PCF8574AT-I²C I/O.

THESE ITEMS ARE NOT INTERCHANGEABLE.

6 MAINFRAME ASSEMBLIES AND COMPONENTS

Assembly: FRONT PANEL (Transceivers)

Part No: 68-30600029

Circuit Reference	Description	Part Number
AUDIO TRANSDUCERS		
	L/Speaker 8 ohm 3W round	04-0550711E
SEMICONDUCTORS		
	LED-Red-indicator PNLMT	61-00500585
POTENTIOMETERS		
	Volume potentiometer panel mount 5k M7 fixing	53-15001201
CONNECTORS		
	Socket-07-CHAS-2A-S-DIN	20-02070201
	Socket-09-FREE-03A-S-SIL	20-02090102
	Socket-02-FREE-03A-S-SIL	20-02020100
	Socket-06-FREE-03A-S-SIL	20-02060101
	Socket-01-FREE-3A-S-insert	20-02010402
	Plug 01-FREE-S-insert	20-08020402
KNOBS		
	Knob-6mm-A5mm-black	41-02151006
	Knob-4mm-10mm-black	41-11101004
	Cap-4111101004-grey-10mm	41-33000100
	Knob cap small grey	41-33000150
SWITCHES		
	Toggle DPDT-panel-ON/-/OFF	66-10200008S
MISCELLANEOUS		
	3040/3060 front panel	49-01007690
	Front panel (BIT assembly)	68-30400034
	Speaker bracket 2500	45-09001721
	Louvre panel	45-00004031
	Shell-PLG-04-Molex-093	20-09040101
	SKRT-SIFAM-15mm-black-18mm	41-62000151
	Nut for SW 66-10200005	66-00501020
	Blanking plug double D	02-02270900
	Resistor 560R 0W4 metal film	59-15602002
	Insulating Bush 3-38-51	62-03033851

Assembly: FRONT PANEL (Transmitters)
Part No: 68-31600029

Circuit Reference	Description	Part Number
AUDIO TRANSDUCERS		
	L/Speaker 8 ohm 3W round	04-0550711E
SEMICONDUCTORS		
	LED-Red-indicator PNLMT	61-00500585
POTENTIOMETERS		
	Volume potentiometer panel mount 5k M7 fixing	53-15001201
CONNECTORS		
	Socket-07-CHAS-2A-S-DIN	20-02070201
	Socket-09-FREE-03A-S-SIL	20-02090102
	Socket-02-FREE-03A-S-SIL	20-02020100
	Socket-06-FREE-03A-S-SIL	20-02060101
	Socket-01-FREE-3A-S-insert	20-02010402
	Plug 01-FREE-S-insert	20-08020402
KNOBS		
	Knob-6mm-A5mm-black	41-02151006
	Knob-4mm-10mm-black	41-11101004
	Cap-4111101004-grey-10mm	41-33000100
	Knob cap small grey	41-33000150
SWITCHES		
	Toggle DPDT-panel-ON/-/OFF	66-10200008S
MISCELLANEOUS		
	3140/3160 front panel	49-01008114
	Front panel (BIT assembly)	68-30400034
	Louvre panel	45-00004031
	Shell PLG-04-Molex-093	20-09040102
	Nut-for SW 66-10200005	66-00501020
	Blanking plug double D	02-02270900

Assembly: FRONT PANEL (Receivers)
Part No: 68-32600029

Circuit Reference	Description	Part Number
AUDIO TRANSDUCERS		
	L/Speaker 8 ohm 3W round	04-0550711E
SEMICONDUCTORS		
	LED-Red-indicator PNLMT	61-00500585
POTENTIOMETERS		
	Volume potentiometer panel mount 5k M7 fixing	53-15001201
CONNECTORS		
	Socket-07-CHAS-2A-S-DIN	20-02070201
	Socket-09-FREE-03A-S-SIL	20-02090102
	Socket-02-FREE-03A-S-SIL	20-02020100
	Socket-06-FREE-03A-S-SIL	20-02060101
	Socket-01-FREE-3A-S-insert	20-02010402
	Plug 01-FREE-S-insert	20-08020402
KNOBS		
	Knob-6mm-A5mm-black	41-02151006
	Knob-4mm-10mm-black	41-11101004
	Cap-4111101004-grey-10mm	41-33000100
	Knob cap small grey	41-33000150
SWITCHES		
	Toggle DPDT-panel-ON/-/OFF	66-10200008S
MISCELLANEOUS		
	3240/3260 front panel	49-01008115
	Front panel (BIT assembly)	68-30400034
	Speaker bracket 2500	45-09001721
	Louvre panel	45-00004031
	Shell-PLG-04-Molex-093	20-09040101
	SKRT-SIFAM-15mm-black-18mm	41-62000151
	Nut for SW 66-10200005	66-00501020
	Blanking plug double D	02-02270900
	Resistor 560R 0W4 metal film	59-15602002

Assembly: FRONT PANEL (BIT ASSEMBLY)
Part No: 68-30400034

Circuit Reference	Description	Part Number
RESISTORS		
R18	Resistor-15k-0W25-5%-1206-chip	59-90155002
R22	Resistor-100k-0W25-5%-1206-chip	59-90017002
R23	Resistor-100k-0W25-5%-1206-chip	59-90017002
R24	Resistor-100k-0W25-5%-1206-chip	59-90017002
R25	Resistor-100k-0W25-5%-1206-chip	59-90017002
R26	Resistor-33k-0W25-5%-1206-chip	59-90335002
R27	Resistor-18k-0W25-5%-1206-chip	59-90185002
R28	Resistor-22k-0W25-5%-1206-chip	59-90225002
R29	Resistor-8k2-0W25-5%-1206-chip	59-90824002
R34	Resistor-4k7-0W25-5%-1206-chip	59-90474002
R35	Resistor-4k7-0W25-5%-1206-chip	59-90474002
R36	Resistor-1k-0W25-5%-1206-chip	59-90015002
R37	Resistor-1k-0W25-5%-1206-chip	59-90015002
R38	Resistor-10k-0W25-5%-1206-chip	59-90016002
R39	Resistor-47k-0W25-5%-1206-chip	59-90475002
R42	Resistor-47k-0W25-5%-1206-chip	59-90475002
R43	Resistor-10k-0W25-5%-1206-chip	59-90016002
R44	Resistor-10k-0W25-5%-1206-chip	59-90016002
R45	Resistor-1k-0W25-5%-1206-chip	59-90015002
R46	Resistor-1k-0W25-5%-1206-chip	59-90015002
R47	Resistor-100k-0W25-5%-1206-chip	59-90017002
R48	Resistor-100k-0W25-5%-1206-chip	59-90017002
R49	Resistor-10k-0W25-5%-1206-chip	59-90016002
R50	Resistor-100k-0W25-5%-1206-chip	59-90017002
R51	Resistor-100k-0W25-5%-1206-chip	59-90017002
R52	Resistor-10k-0W25-5%-1206-chip	59-90016002
R53	Resistor-10k-0W25-5%-1206-chip	59-90016002
R54	Resistor-560R-0W25-5%-1206-chip	59-90563002
R55	Resistor-10k-0W25-5%-1206-chip	59-90016002
R56	Resistor-10k-0W25-5%-1206-chip	59-90016002
R57	Resistor-270k-0W25-5%-1206-chip	59-90276002
R58	Resistor-220k-0W25-5%-1206-chip	59-90226002
R59	Resistor-68k-0W25-5%-1206-chip	59-90685002
R60	Resistor-1k-0W25-5%-1206-chip	59-90015002
R61	Resistor-1k-0W25-5%-1206-chip	59-90015002
R62	Resistor-3k3-0W25-5%-1206-chip	59-90334002
R63	Resistor-1k-0W25-5%-1206-chip	59-90015002
R64	Resistor-1k-0W25-5%-1206-chip	59-90015002
R65	Resistor-1k-0W25-5%-1206-chip	59-90015002
R66	Resistor-1k-0W25-5%-1206-chip	59-90015002

Assembly: FRONT PANEL (BIT ASSEMBLY)
Part No: 68-30400034

Circuit Reference	Description	Part Number
R67	Resistor-1k-0W25-5%-1206-chip	59-90015002
R68	Resistor-2k2-0W25-5%-1206-chip	59-90224002
R69	Resistor-10k-0W25-5%-1206-chip	59-90016002
R70	Resistor-10k-0W25-5%-1206-chip	59-90016002
R71	Resistor-10k-0W25-5%-1206-chip	59-90016002
R72	Resistor-10k-0W25-5%-1206-chip	59-90016002
R73	Resistor-10k-0W25-5%-1206-chip	59-90016002
R74	Resistor-10k-0W25-5%-1206-chip	59-90016002
R75	Resistor-4k7-0W25-5%-1206-chip	59-90474002
R76	Resistor-100k-0W25-5%-1206-chip	59-90017002
R77	Resistor-1k-0W25-5%-1206-chip	59-90015002
R78	Resistor-47k-0W25-5%-1206-chip	59-90475002
R79	Resistor-560R-0W25-5%-1206-chip	59-90563002
R80	Resistor-10R-0W25-5%-1206-chip	59-90013002
R81	Resistor-47k-0W25-5%-1206-chip	59-90475002
R82	Resistor-47k-0W25-5%-1206-chip	59-90475002
R83	Resistor-47k-0W25-5%-1206-chip	59-90475002
R84	Resistor-100k-0W25-5%-1206-chip	59-90017002
R85	Resistor-10k-0W25-5%-1206-chip	59-90016002
R86	Resistor-10k-0W25-5%-1206-chip	59-90016002
R87	Resistor-2k7-0W25-5%-1206-chip	59-90274002
R88	Resistor-2k2-0W25-5%-1206-chip	59-90224002
R92	Resistor-47k-0W25-5%-1206-chip	59-90475002
R93	Resistor-47k-0W25-5%-1206-chip	59-90475002
R99	Resistor-2k2-0W25-5%-1206-chip	59-90224002
R100	Resistor-2k2-0W25-5%-1206-chip	59-90224002
R101	Resistor-560R-0W25-5%-1206-chip	59-90563002
R102	Resistor-10R-0W25-5%-1206-chip	59-90013002
R103	Resistor-10R-0W25-5%-1206-chip	59-90013002
R104	Resistor-10R-0W25-5%-1206-chip	59-90013002
R105	Resistor-100R-0W25-5%-1206-chip	59-91002002
R106	Resistor-47k-0W25-5%-1206-chip	59-90475002
R107	Resistor-47k-0W25-5%-1206-chip	59-90475002
R108	Resistor-47k-0W25-5%-1206-chip	59-90475002
R109	Resistor-47k-0W25-5%-1206-chip	59-90475002
R110	Resistor-47k-0W25-5%-1206-chip	59-90475002
R111	Resistor-47k-0W25-5%-1206-chip	59-90475002
R112	Resistor-47k-0W25-5%-1206-chip	59-90475002
R113	Resistor-47k-0W25-5%-1206-chip	59-90475002
R114	Resistor-47k-0W25-5%-1206-chip	59-90475002
R115	Resistor-47k-0W25-5%-1206-chip	59-90475002
R116	Resistor-47k-0W25-5%-1206-chip	59-90475002
R117	Resistor-47k-0W25-5%-1206-chip	59-90475002
R118	Resistor-47k-0W25-5%-1206-chip	59-90475002
R119	Resistor-47k-0W25-5%-1206-chip	59-90475002

Assembly: FRONT PANEL (BIT ASSEMBLY)
Part No: 68-30400034

Circuit Reference	Description	Part Number
R120	Resistor-47k-0W25-5%-1206-chip	59-90475002
R121	Resistor-47k-0W25-5%-1206-chip	59-90475002
R122	Resistor-47k-0W25-5%-1206-chip	59-90475002
R123	Resistor-47k-0W25-5%-1206-chip	59-90475002
R124	Resistor-47k-0W25-5%-1206-chip	59-90475002
R125	Resistor-47k-0W25-5%-1206-chip	59-90475002
R126	Resistor-47k-0W25-5%-1206-chip	59-90475002
R127	Resistor-47k-0W25-5%-1206-chip	59-90475002
R128	Resistor-47k-0W25-5%-1206-chip	59-90475002
R129	Resistor-47k-0W25-5%-1206-chip	59-90475002
R130	Resistor-47k-0W25-5%-1206-chip	59-90475002
R131	Resistor-47k-0W25-5%-1206-chip	59-90475002
R132	Resistor-47k-0W25-5%-1206-chip	59-90475002
R133	Resistor-47k-0W25-5%-1206-chip	59-90475002
R134	Resistor-47k-0W25-5%-1206-chip	59-90475002
R135	Resistor-47k-0W25-5%-1206-chip	59-90475002
R136	Resistor-47k-0W25-5%-1206-chip	59-90475002
R138	Resistor-47k-0W25-5%-1206-chip	59-90475002
R139	Resistor-47k-0W25-5%-1206-chip	59-90475002
R140	Resistor-47k-0W25-5%-1206-chip	59-90475002
R141	Resistor-47k-0W25-5%-1206-chip	59-90475002
R142	Resistor-47k-0W25-5%-1206-chip	59-90475002
R143	Resistor-47k-0W25-5%-1206-chip	59-90475002
R144	Resistor-47k-0W25-5%-1206-chip	59-90475002
R145	Resistor-47k-0W25-5%-1206-chip	59-90475002
R146	Resistor-47k-0W25-5%-1206-chip	59-90475002
R147	Resistor-100k-0W25-5%-1206-chip	59-90017002
R148	Resistor-1k-0W25-5%-1206-chip	59-90015002
R149	Resistor-1k-0W25-5%-1206-chip	59-90015002
R150	Resistor-1k-0W25-5%-1206-chip	59-90015002
R151	Resistor-220R-0W25-5%-1206-chip	59-90223002
RN2	Resistor-47k-2W isolated network	59-90475003
RN3	Resistor-47k-2W isolated network	59-90475003
RN5	Resistor-47k-2W-bussed network	59-90475001
RN7	Resistor-47k-2W-bussed network	59-90475001
RV1	Potentiometer-PCB-LN-CRMT-2k-MULT	53-50024202
RV2	Potentiometer-PCB-LN-CRMT-2k-MULT	53-50024202
RV3	Potentiometer-10k-VERT-CERMET-PRES	53-80104205
RV4	Potentiometer-10k-VERT-CERMET-PRES	53-80104205
RV5	Potentiometer-10k-VERT-CERMET-PRES	53-80104205
RV6	Potentiometer-PCB-LN-ceramic M-50k-HZ	53-30504210
CAPACITORS		
C1	Electrolytic-10 μ F-25V-SMD	14-06107103
C2	Ceramic-100nF-10%-50V-X7R-1206	14-03105201

Assembly: FRONT PANEL (BIT ASSEMBLY)
Part No: 68-30400034

Circuit Reference	Description	Part Number
C3	Ceramic-100nF-10%-50V-X7R-1206	14-03105201
C4	Electrolytic-10 μ F-25V-SMD	14-06107103
C5	Electrolytic-10 μ F-25V-SMD	14-06107103
C6	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C7	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C8	Electrolytic-10 μ F-25V-SMD	14-06107103
C9	Electrolytic-10 μ F-25V-SMD	14-06107103
C10	Ceramic-22nF 1206 chip	14-03224200
C12	Ceramic-10nF-10%-50V-XR7-1206	14-03104202
C13	Electrolytic-10 μ F-25V-SMD	14-06107103
C14	Electrolytic-10 μ F-25V-SMD	14-06107103
C15	Electrolytic-10 μ F-25V-SMD	14-06107103
C16	Electrolytic-10 μ F-25V-SMD	14-06107103
C17	Ceramic-1nF-10%-50V-X7R-1206	14-03103201
C18	Electrolytic-1000 μ F-25V-vertical	14-06109102
C19	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C20	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C21	Electrolytic 100 μ F 25V-SMD	14-06108103
C22	Electrolytic-10 μ F-25V-SMD	14-06107103
C23	Ceramic-1nF-10%-50V-X7R-1206	14-03103201
C24	Electrolytic-10 μ F-25V-SMD	14-06107103
C25	Ceramic-10nF-10%-50V-X7R-1206	14-03104202
C26	Electrolytic-10 μ F-25V-SMD	14-06107103
C27	Electrolytic-10 μ F-25V-SMD	14-06107103
C28	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C29	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C30	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C31	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C32	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C33	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C34	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C35	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C36	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C37	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C38	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C39	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C40	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C41	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C42	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C43	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C44	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C45	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C46	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C47	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C48	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C49	Ceramic-100nF-10%-50V-XR7-1206	14-03105201

Assembly: FRONT PANEL (BIT ASSEMBLY)
Part No: 68-30400034

Circuit Reference	Description	Part Number
C50	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C51	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C52	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C53	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C54	Ceramic-100nF-10%-50V-XR7-1206	14-03104201
C55	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C56	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C57	Electrolytic 100 μ F 25V-SMD	14-06108103
C58	Electrolytic 100 μ F 25V-SMD	14-06108103
C59	Electrolytic 100 μ F 25V-SMD	14-06108103
C60	Electrolytic-1000 μ F-25V-vertical	14-06109102
C62	Ceramic-47pF 5% 50V-NPO-120	14-03471201
C63	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C64	Ceramic-10nF-10%-50V-XR7-1206	14-03104202
SEMICONDUCTORS		
D1	Diode-BZV55B4V7-zener-chip	61-20204705
D2	Diode-BYD77A-rectifier-chip	61-20310077
D3	Diode-BYD77A-rectifier-chip	61-20310077
D4	Diode-BZV55B4V7-zener-chip	61-20204705
D5	Diode-BYD77A-rectifier-chip	61-20310077
D7	Diode-BZV55B4V7-zener-chip	61-20204705
DISP1	LED DISP HDSP-7513 common cathode	61-00507513
DISP2	LED DISP HDSP-7513 common cathode	61-00507513
DISP3	LED DISP HDSP-7513 common cathode	61-00507513
DISP4	LED DISP HDSP-7513 common cathode	61-00507513
DISP5	LED DISP HDSP-7513 common cathode	61-00507513
DISP6	LED DISP HDSP-7513 common cathode	61-00507513
DISP7	LED DISP HDSP-7513 common cathode	61-00507513
DISP8	LED DISP HDSP-7513 common cathode	61-00507513
DISP9	LED DISP HDSP-7513 common cathode	61-00507513
DISP10	LED DISP HDSP-7513 common cathode	61-00507513
DISP11	LED DISP HDSP-7513 common cathode	61-00507513
DISP12	LED DISP HDSP-7513 common cathode	61-00507513
LED1	LED-yellow sub min PCBMT	61-00501819
LED2	LED-yellow sub min PCBMT	61-00501819
LED3	LED-yellow sub min PCBMT	61-00501819
LED4	LED-yellow sub min PCBMT	61-00501819
LED5	LED-red sub min PCBMT	61-00501800
LED6	LED-red sub min PCBMT	61-00501800
LED7	LED-red sub min PCBMT	61-00501800
LED8	LED-red sub min PCBMT	61-00501800
LED9	LED-red sub min PCBMT	61-00501800

Assembly: FRONT PANEL (BIT ASSEMBLY)
Part No: 68-30400034

Circuit Reference	Description	Part Number
LED10	LED-red sub min PCBMT	61-00501800
LED11	LED-green sub min PCBMT	61-00501840
LED12	LED-green sub min PCBMT	61-00501840
LED13	LED-green sub min PCBMT	61-00501840
LED14	LED-green sub min PCBMT	61-00501840
LED15	LED-green sub min PCBMT	61-00501840
LED16	LED-red sub min PCBMT	61-00501800
LED17	LED-red sub min PCBMT	61-00501800
LED18	LED-yellow sub min PCBMT	61-00501819
LED19	LED-yellow sub min PCBMT	61-00501819
LED20	LED-yellow sub min PCBMT	61-00501819
LED21	LED-yellow sub min PCBMT	61-00501819
LED22	LED-yellow sub min PCBMT	61-00501819
LED23	LED-yellow sub min PCBMT	61-00501819
LED24	LED-yellow sub min PCBMT	61-00501819
LED25	LED-red sub min PCBMT	61-00501800
LED26	LED-red sub min PCBMT	61-00501800
LED27	LED-red sub min PCBMT	61-00501800
IC1	IC-SMT-PCF8574T-I ² C I/O	61-13008574
IC2	IC-SMT-PCF8574AT-I ² C I/O	61-13108574
IC3	IC-SMT-PCF8574T-I ² C I/O	61-13008574
IC4	IC-SMT-PCF8574AT-I ² C I/O	61-13108574
IC5	IC-SMT-PCF8574T-I ² C I/O	61-13008574
IC6	IC-SMT-PCD8584T-I ² C converter	61-13008584
IC7	IC-SMT-80C31-micro controller	61-13008031
IC8	IC-SMT-32k X 8k SRAM	61-13043256
IC10	IC-PLCC-22V10-GAL plus software-issue 1	65-00000072
IC11	IC 27F512/28F512 EPROM plus software	65-00000264
IC12	IC-SMT-74HCT573-octal latch	61-13174573
IC13	IC-SMT-PCD8584T-I ² C converter	61-13008584
IC14	IC-SMT-PCD8584T-I ² C converter	61-13008584
IC15	IC-SMT-4051-MUX	61-13004051
IC16	IC-SMT-PCF8574AT-I ² C I/O	61-13108574
IC17	Not fitted	
IC18	Not fitted	
IC19	IC-PLCC-22V10-GAL plus software-issue 1	65-00000073
IC20	IC-SMT-74HCT541-octal buffer	61-13074541
IC21	IC-PLCC-22V10-GAL plus software-issue 1	65-00000074
IC22	IC-AD7820KP-8 bit ADC	61-22007820
IC23	IC-CA3140-surface mount	61-22003140
IC24	IC-SMT-4051-MUX	61-13004051
IC25	IC-CA3140-surface mount	61-22003140
IC26	IC-CA3140-surface mount	61-22003140
IC27	IC-CA3140-surface mount	61-22003140
IC28	IC-CA3140-surface mount	61-22003140

Assembly: FRONT PANEL (BIT ASSEMBLY)
Part No: 68-30400034

Circuit Reference	Description	Part Number
IC29	IC-CA3140-surface mount	61-22003140
IC30	IC-CA3140-surface mount	61-22003140
IC31	IC-TDA2611	61-12002611
IC32	IC-SMT-HEF4066BT	61-13004066
IC34	IC-SMT-74HCT541-octal buffer	61-13074541
IC35	IC-SMT-74HCT573-octal latch	61-13174573
IC36	IC-SA555D	61-22000555
IC37	IC-SMT-PCF8574AT-I ² C I/O	61-13108574
IC38	IC-MAX7219EWG LED driver	61-22007219
IC39	IC-MAX7219EWG LED driver	61-22007219
IC40	IC-CA3140-surface mount	61-22003140
IC41	IC-CA3140-surface mount	61-22003140
TR1	Transistor-BC857-chip	61-24120857
TR2	FET VN10LF surface mount	61-28000010
TR3	FET VN10LF surface mount	61-28000010

CONNECTORS

CN1	Plug-20-way PCMT HDR	20-01200302
CN2	Plug-20-way PCMT HDR	20-01200302
CN3	34-way low profile IDC header	20-10340302
CN4	Plug-09-PCMT-03A-S-DUBOX	20-01090301
CN5	Plug-06-PCMT-03A-S-DUBOX	20-01060301
CN7	Plug-09-PCMT-03A-S-DUBOX	20-01090301
CN12	Plug-15-PCMT-03A-S-DUBOX	20-01150302
CN22	Plug-09-PCMT-03A-S-DUBOX	20-01090301
CN23	Plug-06-PCMT-03A-S-DUBOX	20-01060301
	Jumper-02-way	20-02020101

MISCELLANEOUS

SW1	DIL slide switch 8 pole SMT	66-70800001
XTAL1	OSC MODULE 11.0592MHz TTL tri-stable	22-40000009
	IC-socket-SMD-28-pin-PLCC	62-05000028
	IC-socket-SMD-32-pin-LCC	62-05000032
	IC socket-44-pin-PLCC	62-05044455
	PCB-3040/3060 BIT	55-00000508
	PCB-3060 BIT Potentiometer	55-00000522
B1	Minature buzzer	04-14000003
FL1	DC Supply filter DSS306	27-40000306
FL2	DC Supply filter DSS306	27-40000306
FL3	DC Supply filter DSS306	27-40000306
FL4	DC Supply filter DSS306	27-40000306

Assembly: FRONT PANEL (BIT ASSEMBLY)
Part No: 68-30400034

Circuit Reference	Description	Part Number
FL5	DC Supply filter DSS306	27-40000306
LK1	Plug-03-PCMT-ERG-MIN	20-01030302
LK2	Plug-03-PCMT-ERG-MIN	20-01030302
CP1	Chemically resetting fuse	29-06030611
	3040 BITE assembly ribbon cable	17-30400009
	Plug-01-PCMT-S-pin	20-01010302

Assembly: REAR PANEL
Part No: 68-30400019

Circuit Reference	Description	Part Number
METALWORK		
	Diode heatsink	45-00002694
	PCB locking device to GA7962	02-20001205
	Capacitor support rail	45-00002806
	Capacitor clip	45-00002692
	Synth box slide	45-00002814
	3000 transformer screen	45-00002816
	Spacer hex M/F BR M6 X 12-8 stud	36-05060120
	Rear panel	45-00007668
	Rear chassis	45-00006735
	Fan cover	45-00006716
	Voltage select bracket	45-00007694
	Volt selector plate	45-25002676
	Spacer hex F/F BR M3 X 18	36-06030180
	3060 thyristor bracket	45-00007842
	Bottom plate	45-00007671
	Clip 14.3mm	02-05240000
SWITCHES		
	Switch-DPDT-panel-ON-ON	66-70201065
SEMICONDUCTORS		
SCR1	Diode 1N1184R	61-00311040
	Thyristor CR20U-02JY	61-16000020
HARDWARE		
	Blanking plug	02-02060000
	Insulating boot	02-26000001
	Insulating boot	02-26000003
	Connector retaining clip	02-29488816
	PCB locking device	02-20001206
	PCB locking device	02-20001205
	Fan filter guard120mm	51-00109019
	Insulating kit	62-07261637
	Fuseholder 20mm X 5mm	29-02000105
	Fuseholder bayonet release	29-02412863
	Fan filter 120mm	51-00507867
	Fan EMC screen	02B28009393
RESISTORS		
R40	Resistor-470k-5%-VR25-high voltage	59-14705002S

Assembly: REAR PANEL
Part No: 68-30400019

Circuit Reference	Description	Part Number
CAPACITORS		
C25	Electrolytic-33000 μ F-63V-10%+30%	14-06339200
C40	680nF-MKS4-250V	14B21685300
C41	Ceramic-100nF-100V-MONOLC	14-03105301
C42	Ceramic-100nF-100V-MONOLC1	14-03105301
C43	470nF-X2-Polyester-275VAC	14-21475300S
CONNECTORS		
	Plug-03-chas-06A-S-Fused	20-01030204
	Socket-02-free-03A-S-SIL	20-02020100
	Plug-03-CHAS-15A-S-XLR	20-02030203
	Socket-01-free-3A-S-insert	20-02010402
	Shell-Socket-03-Trident	20-09030102
	Shell-Plug-04-Molex-093	20-09040101
	Shell-Socket-04-Molex-093	20-09040102
	Socket-01-free-S-insert	20-08020401
	Socket-01-CHAS-13A-S-insert	20-02010400
FILTERS		
FL1	Filter mains L2140/6L	27-70021406
FUSES		
F4	Internal fuse 4A semi-delay	29-01120102
F3	Fuse 20mm 4A (220/240 volt operation)	29-01120101
F3	Fuse 20mm 8A (110/120 volt operation)	29-01210102
F2	Fuse 4A semi-delay	29-01120102
F1	Fuse size 0 20A	29-01450201
SUB-ASSEMBLIES		
	DC fan 120 X 25mm 24V	69-12001224
	PSU assembly	68-30400020
MISCELLANEOUS		
	Torodial mains transformer	73-01003372S
TH1	Thermistor 2R2	53-80021000
	Insulated standoff	39-00233293
L5	DC filter inductor	79B11000080

Assembly: POWER SUPPLY UNIT
Part No: 68-30400020

Circuit Reference	Description	Part Number
RESISTORS		
R1	Resistor-33R-0W4-1%-metal film	59-10332002
R2	Resistor-8k2-0W4-1%-metal film	59-10824002
R3	Resistor-47k-0W4-1%-metal film	59-10475002
R4	Resistor-2k2-0W4-1%-metal film	59-10224002
R5	Resistor-8k2-0W4-1%-metal film	59-10824002
R6	Resistor-220R-0W4-1%-metal film	59-12202002
R7	Resistor-4k7-0W4-1%-metal film	59-10474002
R8	Resistor-10k-0W4-1%-metal film	59-10105002
R9	Resistor-470R-0W4-1%-metal film	59-14702002
R10	Resistor-1k5-0W4-1%-metal film	59-10154002
R11	Resistor-470R-0W4-1%-metal film	59-14702002
R12	Resistor-3k3-0W4-1%-metal film	59-10334002
R13	Resistor-6k8-0W4-1%-metal film	59-10684002
R14	Resistor-R15-2W5-10%-wire wound	59-30150025
R15	Resistor-18k-0W4-1%-metal film	59-10185002
R16	Resistor-2k2-0W4-1%-metal film	59-10224002
R17	Resistor-4k7-0W4-1%-metal film	59-10474002
R18	Resistor-1k-0W6-1-metal film	59-10015003
R19	Resistor-3k3-0W4-1%-metal film	59-10334002
R20	Resistor-47k-0W4-1%-metal film	59-10475002
R21	Resistor-47k-0W4-1%-metal film	59-10475002
R22	Resistor-470R-0W4-1%-metal film	59-14702002
R23	Resistor-3k3-0W4-1%-metal film	59-10334002
R24	Resistor-4k7-0W4-1%-metal film	59-10474002
R25	Resistor-820R-0W4-1%-metal film	59-18202002
R26	Resistor-1k-0W4-1%-metal film	59-10015002
R27	Resistor-330R-0W4-1%-metal film	59-13302002
CAPACITORS		
C1	Electrolytic-10 μ F-40V	14-06107102
C2	Electrolytic-470 μ F-50V-VERT	14-06478201
C3	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C4	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C5	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C6	Electrolytic-10 μ F-40V	14-06107102
C7	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C8	Tantalum-10 μ F-16V	14-36107100
C9	Tantalum-2.2 μ F-35V	14-36226101
C10	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C11	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C12	Tantalum-2.2 μ F-35V	14-36226101
C13	Tantalum-2.2 μ F-35V	14-36226101
C14	Ceramic-4.7nF-100V-MN-PLT	14-03473200

Assembly: POWER SUPPLY UNIT
Part No: 68-30400020

Circuit Reference	Description	Part Number
C15	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C16	Tantalum-10 μ F-16V	14-36107100
C17	Tantalum-2.2 μ F-35V	14-36226101
C18	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C19	Tantalum-2.2 μ F-35V	14-36226101
C20	Tantalum-2.2 μ F-35V	14-36226101
C22	Electrolytic-470 μ F-50V-VERT	14-06478201
C23	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C24	Tantalum-10 μ F-16V	14-36107100
C25	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C26	Electrolytic-100 μ F-25	14-06108100
C29	Electrolytic-1500 μ F-16V-VERT	14-06159101
C30	Electrolytic-10 μ F-40V	14-06107102
C31	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C32	Electrolytic-470 μ F-50V-VERT	14-06478201
C33	Electrolytic-10 μ F-40V	14-06107102
C34	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C35	Electrolytic-470 μ F-50V-VERT	14-06478201
C36	Electrolytic-10 μ F-40V	14-06107102
C37	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C38	Ceramic-10nF-100V-MONOLC	14-03104312

SEMICONDUCTORS

D1	Diode 1N4004	61-00314004
D2	Diode 1N4004	61-00314004
D3	Diode 1N4004	61-00314004
D4	Fast rectifier diode UF5401	61-00315401
D5	Diode 1N4004	61-00314004
D6	Diode 1N4004	61-00314004
D7	Diode 1N4004	61-00314004
D8	Diode BZT03C24	61-00224030
D9	Diode 1N4004	61-00314004
D10	Diode 1N5822	61-00605822
D11	Fast rectifier diode UF5401	61-00315401
D12	Fast rectifier diode Diode UF5401	61-00315401
D13	Diode 1N4004	61-00314004
IC1	OPTO-SCR H11C5	61-16000115
IC2	IC-LM35DH-temperature sensor	61-12000035
IC3	Switching regulator LT1170	61-12001170
IC4	IC-IP237T var-neg reg	61-12000237
IC5	IC-MC7805CT	61-12007805
IC6	IC-IP217T var-volt-reg	61-12000217
IC7	IC-IP217T var-volt-reg	61-12000217
IC8	IC-IP217T var-volt-reg	61-12000217
TR1	Transistor BC182	61-04120182

Assembly: POWER SUPPLY UNIT
Part No: 68-30400020

Circuit Reference	Description	Part Number
TR2	Transistor BC212	61-04110212
TR3	FET-2SJ113 P chan power	61-08002113
TR4	Transistor BC182	61-04120182
TR5	Transistor BC182	61-04120182
CONNECTORS		
CN1	Plug-02-PCMT-03A-S-DUBOX	20-01020300
CN2	Plug-15-PCMT-03A-S-DUBOX	20-01150302
CN3	MATE-N-LOK 3-way PCB HDR	20-01030303
CN4	Plug-02-PCMT-03A-S-DUBOX	20-01020300
CN6	Plug-04-PCMT-03A-S-DUBOX	20-01040300
CN7	MATE-N-LOK 4-way PCB HDR	20-01040302
MISCELLANEOUS		
	Thermal insulating washer 19X13	62-02001913
	Thermal insulating washer 22X18	62-02002218
	Bush-J22-5006-T0220AB	62-03005006
	SML NEOSID ferrite bead	79-08000008
	PSU block	45-00007782
	PCB-3060 PSU module Mk2	55-00000523
	Transistor pad T092	62-04170000
L1	Choke 20 μ F 10A	79-01000001
L2	Choke 27 μ F 1.5A	79-01000009
L3	Choke 27 μ F 1.5A	79-01000009
L4	Choke 27 μ F 1.5A	79-01000009
RLA	Relay-PWR-24V-20A-P-SPDT	57-16120001
RLB	Relay-24V SUB MIN	57-16120000
T1	3060 PSU Transformer	73-01000001

Assembly: FRONT INTERCONNECT PCB
Part No: 68-30600014

Circuit Reference	Description	Part Number
CONNECTORS		
	Plug-64-PCMT-01A-A-edge	20-01640300
	Socket-64-PCMT-01A-S-edge	20-02640300
	Plug-06-PCMT-03A-S-DUBOX	20-01060301
MISCELLANEOUS		
	PCB-3060-Front Interconnect	55-00000510

Assembly: MAIN INTERCONNECT PCB
Part No: 68-30400013

Circuit Reference	Description	Part Number
CAPACITORS		
	Ceramic-1nF-100V-MN-PLT	14-03103301
CONNECTORS		
	Plug-FR-S-RG316-A-D-41612	19-01060101
	Plug-06-PCMT-03A-S-DUBOX	20-01060301
	Socket-60-PCMT-01A-S-41612	20-02640303
	Socket-10-FREE-A-IDC	20-11100100
	Plug-26-ANG-PCB-DUBOX	20-01260302
	Plug-36-ANG-PCB-DUBOX	20-01360302
	Plug-40-ANG-DUBOX	20-01400302
	Plug-FR-S-RD316-A-SMA	19-01070103
	Plug-FR-RD316-A-D-41612	19-01060106
MISCELLANEOUS		
	TNS-10-PCMT-1A-A-IDC	20-12100301
	Cable-S RIG-50 ohms-0.056	10-05112100
	POL STRIP-DIN 41612 SKTS	20-05120200
	PCB-3060-main interconnect	55-00000509

Assembly: ANTENNA ASSEMBLY
Part No: 68-30600022

Circuit Reference	Description	Part Number
CONNECTORS		
	Socket-CH-S-RG316-S-N TYPE	19-02030505
	Socket-BK-S-RG316-S-SMA	19-02070502
	Socket-BK-S-RG174U-S-BNC	19-02010502
	Plug-FR-S-RG316-A-SMA	19-01070101
METALWORK		
	Antenna socket box	45-00007669
MISCELLANEOUS		
	Relay-coax-26V-2A-2-DPDT	57-11236942
	Blanking plug	02-02080000
	Antenna filter assembly	68-30000050
	Guard combiner PCB	68-30600009

Assembly: ANTENNA FILTER
Part No: 68-30000050

Circuit Reference	Description	Part Number
CAPACITORS		
	Ceramic-10pF-100V-MN-PLT	14-03101301
	Ceramic-15pF-100V-MN-PLT	14-03151301
	Porcelain-27pF-500V-chip	14-30271400
	Porcelain-5.1pF-500V-chip	14-30510400
CONNECTORS		
	Socket-BK-S-screw on-S-SMA	19-02070501
METALWORK		
	3000 Antenna filter box	45-00002920
MISCELLANEOUS		
	Coil 2.5T NO TAP FE yellow	79-09120029

Assembly: GUARD COMBINER PCB
Part No: 68-30600009

Circuit Reference	Description	Part Number
RESISTORS		
R1	Resistor-100R-0W4-1%-metal film	59-11002002
CAPACITORS		
C1	Capacitor ceramic-15pF-100V-MN-PLT	14-03151301
	2 x capacitors ceramic-100nF-100V-chip	14-03105200
CONNECTORS		
	Socket-CH-S-RG316-S-N TYPE	19-02030505
CN1	Socket-PCMT-SMA	19-02070505
CN2	Socket-PCMT-SMA	19-02070505
CN3	Plug-02-PCMT-03A-S-DUBOX	20-01020300
CN4	Plug-02-PCMT-03A-S-DUBOX	20-01020300
CN5	Terminal-RG174-TO-PCB	19-06006020
TRANSFORMERS		
T1	Hybrid transformer	79-10000016
T2	Hybrid transformer	79-10000015
MISCELLANEOUS		
	PCB-3060-Guard combiner (AW0521 Iss. 1)	55-00000521

7 TRANSMITTER

Assembly: TX AUDIO AND CONTROL MODULE
Part No: 68-30600030

Circuit Reference	Description	Part Number
RESISTORS		
R3	Resistor-1k-0W4-1%-metal film	59-10015002
R4	Resistor-1k-0W4-1%-metal film	59-10015002
R5	Resistor-100k-0W4-1%-metal film	59-11005002
R6	Resistor-220k-0W4-1%-metal film	59-12205002
R7	Resistor-1k-0W4-1%-metal film	59-10015002
R8	Resistor-1k-0W4-1%-metal film	59-10015002
R9	Resistor-3k3-0W4-1%-metal film	59-10334002
R10	Resistor-10k-0W4-1%-metal film	59-10105002
R11	Resistor-10k-0W4-1%-metal film	59-10105002
R12	Resistor-1k-0W4-1%-metal film	59-10015002
R13	Resistor-1k-0W4-1%-metal film	59-10015002
R14	Resistor-1k-0W4-1%-metal film	59-10015002
R15	Resistor-1k-0W4-1%-metal film	59-10015002
R16	Resistor-1k-0W4-1%-metal film	59-10015002
R17	Resistor-10k-0W4-1%-metal film	59-10105002
R18	Resistor-100k-0W4-1%-metal film	59-11005002
R19	Resistor-1k-0W4-1%-metal film	59-10015002
R20	Resistor-1k-0W4-1%-metal film	59-10015002
R21	Resistor-1k-0W4-1%-metal film	59-10015002
R22	Resistor-10k-0W4-1%-metal film	59-10105002
R23	Resistor-10k-0W4-1%-metal film	59-10105002
R24	Resistor-56k-0W4-1%-metal film	59-10565002
R25	Resistor-1k5-0W4-1%-metal film	59-10154002
R26	Resistor-150k-0W4-1%-metal film	59-11505002
R27	Resistor-12k-0W4-1%-metal film	59-10125002
R28	Resistor-2M2-0W25-5%-metal film	59-10227003
R29	Resistor-100R-0W4-1%-metal film	59-11002002
R30	Resistor-1k2-0W4-1%-metal film	59-10124002
R31	Resistor-8k2-0W4-1%-metal film	59-10824002
R32	Resistor-10k-0W4-1%-metal film	59-10105002
R33	Resistor-4k87-06-1%	59-14873003
R34	Resistor-5k1-06-1%	59-10514003
R35	Resistor-12k1-06-1%	59-11214003
R36	Resistor-12k1-06-1%	59-11214003
R37	Resistor-25k5-06-1%	59-12554003
R38	Resistor-25k5-06-1%	59-12554003
R39	Resistor-5k1-06-1%	59-10514003
R40	Resistor-5k1-06-1%	59-10514003
R41	Resistor-10k-0W4-1%-metal film	59-10105002
R42	Resistor-10k-0W4-1%-metal film	59-10105002
R43	Resistor-150k-0W4-1%-metal film	59-11505002
R44	Resistor-470k-0W4-1%-metal film	59-14705002

Assembly: TX AUDIO AND CONTROL MODULE
Part No: 68-30600030

Circuit Reference	Description	Part Number
R45	Resistor-10k-0W4-1%-metal film	59-10105002
R47	Resistor-47k-0W4-1%-metal film	59-10475002
R48	Resistor-47k-0W4-1%-metal film	59-10475002
R49	Resistor-100k-0W4-1%-metal film	59-11005002
R50	Resistor-47k-0W4-1%-metal film	59-10475002
R51	Resistor-12k1-06-1%	59-11214003
R52	Resistor-10k-0W4-1%-metal film	59-10105002
R53	Resistor-10k-0W4-1%-metal film	59-10105002
R54	Resistor-10k-0W4-1%-metal film	59-10105002
R55	Resistor-10k-0W4-1%-metal film	59-10105002
R56	Resistor-10k-0W4-1%-metal film	59-10105002
R57	Resistor-10k-0W4-1%-metal film	59-10105002
R58	Resistor-10k-0W4-1%-metal film	59-10105002
R59	Resistor-10k-0W4-1%-metal film	59-10105002
R60	Resistor-10k-0W4-1%-metal film	59-10105002
R61	Resistor-10k-0W4-1%-metal film	59-10105002
R62	Resistor-10k-0W4-1%-metal film	59-10105002
R63	Resistor-10k-0W4-1%-metal film	59-10105002
R64	Resistor-10k-0W4-1%-metal film	59-10105002
R65	Resistor-10k-0W4-1%-metal film	59-10105002
R66	Resistor-560R-0W4-1%-metal film	59-15602002
R67	Resistor-330R-0W4-1%-metal film	59-13302002
R68	Resistor-100k-0W4-1%-metal film	59-11005002
R69	Resistor-1M-0W4-1%-metal film	59-10018002
R70	Resistor-100k-0W4-1%-metal film	59-11005002
R71	Resistor-100k-0W4-1%-metal film	59-11005002
R72	Resistor-4k7-0W4-1%-metal film	59-10474002
R73	Resistor-180k-0W4-1%-metal film	59-11805002
R74	Resistor-3k9-0.4W-1%-metal film	59-10394002
R75	Resistor-1k5-0W4-1%-metal film	59-10154002
R76	Resistor-33k-0W4-1%-metal film	59-10335002
R77	Resistor-2k2-0W4-1%-metal film	59-10224002
R78	Resistor-3k9-0W4-1%-metal film	59-10394002
R79	Resistor-47k-0W4-1%-metal film	59-10475002
R80	Resistor-47k-0W4-1%-metal film	59-10475002
R82	Resistor-33k-0W4-1%-metal film	59-10335002
R83	Resistor-10k-0W4-1%-metal film	59-10105002
R84	Resistor-22k-0W4-1%-metal film	59-10225002
R85	Resistor-10k-0W4-1%-metal film	59-10105002
R86	Resistor-1k-0W4-1%-metal film	59-10015002
R87	Resistor-1k-0W4-1%-metal film	59-10015002
R88	Resistor-10k-0W4-1%-metal film	59-10105002
R89	Resistor-10k-0W4-1%-metal film	59-10105002
R90	Resistor-47k-0W4-1%-metal film	59-10475002
R91	Resistor-22k-0W4-1%-metal film	59-10225002
R92	Resistor-100k-0W4-1%-metal film	59-11005002

Assembly: TX AUDIO AND CONTROL MODULE
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Circuit Reference	Description	Part Number
R93	Resistor-1M-0W4-1%-metal film	59-10018002
R94	Resistor-470k-0W4-1%-metal film	59-14705002
R95	Resistor-5k6-0W4-1%-metal film	59-10564002
R96	Resistor-1k2-0W4-1%-metal film	59-10124002
R97	Resistor-10k-0W4-1%-metal film	59-10105002
R98	Resistor-3k9-0W4-1%-metal film	59-10394002
R100	Resistor-10R-0W4-1%-metal film	59-10102002
R101	Resistor-10R-0W4-1%-metal film	59-10102002
R108	Resistor-12k-0W4-1%-metal film	59-10125002
R109	Resistor-12k-0W4-1%-metal film	59-10125002
R110	Resistor-820k-0W4-1%-metal film	59-18205002
R111	Resistor-470k-0W4-1%-metal film	59-14705002
R112	Resistor-220k-0W4-1%-metal film	59-12205002
R113	Resistor-100k-0W4-1%-metal film	59-11005002
R114	Resistor-820k-0W4-1%-metal film	59-18205002
R115	Resistor-470k-0W4-1%-metal film	59-14705002
R116	Resistor-220k-0W4-1%-metal film	59-12205002
R117	Resistor-100k-0W4-1%-metal film	59-11005002
R118	Resistor-3k9-0W4-1%-metal film	59-10394002
R119	Resistor-3k9-0W4-1%-metal film	59-10394002
R120	Resistor-10k-0W4-1%-metal film	59-10105002
R121	Resistor-1k-0W4-1%-metal film	59-10015002
R122	Resistor-10k-0W4-1%-metal film	59-10105002
R123	Resistor-1M-0W4-1%-metal film	59-10018002
R124	Resistor-2k2-0W4-1%-metal film	59-10224002
R125	Resistor-2k2-0W4-1%-metal film	59-10224002
R126	Resistor-2k2-0W4-1%-metal film	59-10224002
R127	Resistor-100k-0W4-1%-metal film	59-11005002
R128	Resistor-3k9-0W4-1%-metal film	59-10394002
R129	Resistor-100k-0W4-1%-metal film	59-11005002
R130	Resistor-4k7-0W4-1%-metal film	59-10474002
R131	Resistor-390R-0W4-1%-metal film	59-13902002
R132	Resistor-3k9-0W4-1%-metal film	59-10394002
R133	Resistor-10k-0W4-1%-metal film	59-10105002
R134	Resistor-10k-0W4-1%-metal film	59-10105002
R139	Resistor-10k-0W4-1%-metal film	59-10105002
R140	Resistor-47R-0W4-1%-metal film	59-10472002
R141	Resistor-12k-0W4-1%-metal film	59-10125002
R142	Resistor-3k-0W4-1%-metal film	59-10035002
R143	Resistor-330k-0W4-1%-metal film	59-13305002
R144	Resistor-47R-0W4-1%-metal film	59-10472002
R145	Resistor-10k-0W4-1%-metal film	59-10105002

Assembly: TX AUDIO AND CONTROL MODULE
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Circuit Reference	Description	Part Number
R148	Resistor-10k-0W4-1%-metal film	59-10105002
R149	Resistor-1M-0W4-1%-metal film	59-10018002
R150	Resistor-10k-0W4-1%-metal film	59-10105002
R151	Resistor-4k7-0W4-1%-metal film	59-10474002
R152	Resistor-1k2-0W4-1%-metal film	59-10124002
R153	Resistor-220R-0W4-1%-metal film	59-12202002
R154	Resistor-47k-0W4-1%-metal film	59-10475002
R155	Resistor-47k-0W4-1%-metal film	59-10475002
R156	Resistor-10k-0W4-1%-metal film	59-10105002
R157	Resistor-100k-0W4-1%-metal film	59-11005002
R158	Resistor-56k-0W4-1%-metal film	59-10565002
R159	Resistor-4k7-0W4-1%-metal film	59-10474002
R160	Resistor-10k-0W4-1%-metal film	59-10105002
R161	Resistor-10k-0W4-1%-metal film	59-10105002
R162	Resistor-100k-0W4-1%-metal film	59-11005002
R163	Resistor-100k-0W4-1%-metal film	59-11005002
R164	Resistor-10k-0W4-1%-metal film	59-10105002
R165	Resistor-82k-0W4-1%-metal film	59-10825002
R166	Resistor-10k-0W4-1%-metal film	59-10105002
R167	Resistor-47k-0W4-1%-metal film	59-10475002
R168	Resistor-47k-0W4-1%-metal film	59-10475002
R169	Resistor-47k-0W4-1%-metal film	59-10475002
R171	Resistor-10k-0W4-1%-metal film	59-10105002
R172	Resistor-6k8-0W4-1%-metal film	59-10684002
R173	Resistor-27k-0W4-1%-metal film	59-10275002
R174	Resistor-47k-0W4-1%-metal film	59-10475002
R175	Resistor-100k-0W4-1%-metal film	59-11005002
R176	Resistor-10k-0W4-1%-metal film	59-10105002
R177	Resistor-47k-0W4-1%-metal film	59-10475002
R179	Resistor-4k7-0W4-1%-metal film	59-10474002
R180	Resistor-4k7-0W4-1%-metal film	59-10474002
R182	Resistor-2k2-0W4-1%-metal film	59-10224002
R183	Resistor-4k7-0W4-1%-metal film	59-10474002
R184	Resistor-560k-0W4-1%-metal film	59-15605002
R185	Resistor-47k-0W4-1%-metal film	59-10475002
R186	Resistor-100k-0W4-1%-metal film	59-11005002
R187	Resistor-10k-0W4-1%-metal film	59-10105002
R188	Resistor-10k-0W4-1%-metal film	59-10105002
R189	Resistor-1k2-0W4-1%-metal film	59-10124002
R190	Resistor-10R-0W4-1%-metal film	59-10102002
R191	Resistor-100k-0W4-1%-metal film	59-11005002
R192	Resistor-10R-0W4-1%-metal film	59-10102002
R193	Resistor-10R-0W4-1%-metal film	59-10102002
R194	Resistor-10R-0W4-1%-metal film	59-10102002
R195	Resistor-47k-0W4-1%-metal film	59-10475002

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Circuit Reference	Description	Part Number
R197	Resistor-10k-0W4-1%-metal film	59-10105002
R198	Resistor-1k-0W4-1%-metal film	59-10015002
R199	Resistor-100k-0W4-1%-metal film	59-11005002
R200	Resistor-100k-0W4-1%-metal film	59-11005002
R201	Resistor-100k-0W4-1%-metal film	59-11005002
R202	Resistor-100k-0W4-1%-metal film	59-11005002
R203	Resistor-100k-0W4-1%-metal film	59-11005002
R204	Resistor-100k-0W4-1%-metal film	59-11005002
R205	Resistor-100k-0W4-1%-metal film	59-11005002
R206	Resistor-33k-0W4-1%-metal film	59-10335002
R207	Resistor-100k-0W4-1%-metal film	59-11005002
R208	Resistor-100k-0W4-1%-metal film	59-11005002
R209	Resistor-100k-0W4-1%-metal film	59-11005002
R210	Resistor-33k-0W4-1%-metal film	59-10335002
R211	Resistor-100k-0W4-1%-metal film	59-11005002
R212	Resistor-33k-0W4-1%-metal film	59-10335002
R213	Resistor-100k-0W4-1%-metal film	59-11005002
R214	Resistor-33k-0W4-1%-metal film	59-10335002
R215	Resistor-39k-0W4-1%-metal film	59-10395002
R216	Resistor-39k-0W4-1%-metal film	59-10395002
R217	Resistor-39k-0W4-1%-metal film	59-10395002
R218	Resistor-100k-0W4-1%-metal film	59-11005002
R219	Resistor-39k-0W4-1%-metal film	59-10395002
R221	Resistor-33k-0W4-1%-metal film	59-10335002
R222	Resistor-100k-0W4-1%-metal film	59-11005002
R223	Resistor-100k-0W4-1%-metal film	59-11005002
R224	Resistor-100k-0W4-1%-metal film	59-11005002
R225	Resistor-100k-0W4-1%-metal film	59-11005002
R226	Resistor-100k-0W4-1%-metal film	59-11005002
R228	Resistor-100k-0W4-1%-metal film	59-11005002
R229	Resistor-68k-0W4-1%-metal film	59-10685002
R230	Resistor-18k-0W4-1%-metal film	59-10185002
R231	Resistor-1k8-0W4-1%-metal film	59-10184002
R232	Resistor-3k9-0W4-1%-metal film	59-10394002
R233	Resistor-68k-0W4-1%-metal film	59-10685002
R234	Resistor-1k8-0W4-1%-metal film	59-10184002
R235	Resistor-680k-0W4-1%-metal film	59-16805002
R236	Resistor-6k8-0W4-1%-metal film	59-10684002
R237	Resistor-10k-0W4-1%-metal film	59-10105002
R242	Resistor-10k-0W4-1%-metal film	59-10105002
R243	Resistor-2k2-0W4-1%-metal film	59-10224002
R244	Resistor-22k-0W4-1%-metal film	59-10225002
R245	Resistor-8k2-0W4-1%-metal film	59-10824002
R246	Resistor-22k-0W4-1%-metal film	59-10225002
R247	Resistor-47k-0W4-1%-metal film	59-10475002

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Circuit Reference	Description	Part Number
R248	Resistor-47k-0W4-1%-metal film	59-10475002
R250	Resistor-10k-0W4-1%-metal film	59-10105002
R263	Resistor-100k-0W4-1%-metal film	59-11005002
R265	Resistor-4k7-0W4-1%-metal film	59-10474002
R266	Resistor-470R-0W4-1%-metal film	59-14702002
R267	Resistor-10k-0W4-1%-metal film	59-10105002
R268	Resistor-10k-0W4-1%-metal film	59-10105002
R269	Resistor-10k-0W4-1%-metal film	59-10105002
R270	Resistor-10k-0W4-1%-metal film	59-10105002
R271	Resistor-1k2-0W4-1%-metal film	59-10124002
R273	Resistor-3k3-0W4-1%-metal film	59-10334002
R274	Resistor-100k-0W4-1%-metal film	59-11005002
R275	Resistor-100k-0W4-1%-metal film	59-11005002
R276	Resistor-22k-0W4-1%-metal film	59-10225002
R277	Resistor-22k-0W4-1%-metal film	59-10225002
R279	Resistor-1k-0W4-5%-metal film	59-10015002
R285	Resistor-47k-0W4-1%-metal film	59-10475002
R286	Resistor-10k-0W4-1%-metal film	59-10105002
R287	Resistor-1k-0W4-5%-metal film	59-10015002
R288	Resistor-1k-0W4-5%-metal film	59-10015002
R289	Resistor-10k-0W4-1%-metal film	59-10105002
R290	Resistor-10k-0W4-1%-metal film	59-10105002
R291	Resistor-1M-0W4-1%-metal film	59-10018002
R292	Resistor-15k-0W4-1%-metal film	59-10155002
R293	Resistor-27k-0W4-1%-metal film	59-10275002
R294	Resistor-3k3-0W4-1%-metal film	59-10334002
R295	Resistor-3k3-0W4-1%-metal film	59-10334002
R296	Resistor-3k9-0W4-1%-metal film	59-10394002
R297	Resistor-3k9-0W4-1%-metal film	59-10394002
R298	Resistor-1k-0W4-5%-metal film	59-10015002
R299	Resistor-1k-0W4-5%-metal film	59-10015002
RN1	Resistor-100k-1W50-2%-network	59-81005002
RN2	Resistor-100k-1W50-2%-network	59-81005002
RV1	Potentiometer-PCB-LN-CRMT-10k-vertical	53-30104205
RV2	Potentiometer-PCB-LN-CRMT-1k-vertical	53-50014215
RV3	Potentiometer-PCB-LN-CRMT-10k-vertical	53-30104205
RV4	Potentiometer-PCB-LN-CRMT-100k-vertical	53-31004205
RV5	Potentiometer-PCB-LN-CRMT-10k-horizontal	53-51003205
RV6	Potentiometer-PCB-LN-CRMT-10k-horizontal	53-51003205
RV7	Potentiometer-PCB-LN-CRMT-10k-horizontal	53-51003205
RV8	Potentiometer-PCB-LN-CRMT-10k-horizontal	53-51003205
RV9	Potentiometer-PCB-LN-CRMT-1k-horizontal	53-50103205
RV11	Potentiometer-multi-CRMT-PRES-10k-vertical	53-80104206
RV15	Potentiometer-PCB-LN-CRMT-100k-horizontal	53-30104205

Assembly: TX AUDIO AND CONTROL MODULE
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Circuit Reference	Description	Part Number
CAPACITORS		
C1	Ceramic-220pF-100V-MN-PLT	14-03222300
C2	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C3	Ceramic-1nF-100V-MN-PLT	14-03103301
C4	Tantalum-2.2 μ F-35V	14-36226101
C5	Plas-1 μ F-63V-10%-MKS2	14-21106200
C6	Tantalum-2.2 μ F-35V	14-36226101
C7	Tantalum-4.7 μ F-16V	14-36476100
C8	Mixed-22nF-63V-PLYEST	14-21224200
C9	Mixed-6.8nF-63V-SB-MIN	14-21683300
C10	Mixed-0.1 μ F-63V-PLYESTT	14-21105200
C11	Mixed-0.01 μ F-63V-PLYEST	14-21104302
C12	Ceramic-220pF-100V-MN-PLT	14-03222300
C13	Mixed-1000pF-63V-SB-MIN	14-21103200
C14	Mixed-4700pF-63V-SB-MIN	14-21473200
C15	Ceramic-10nF-63V-MN-PLT	14-03104201
C16	Ceramic-1nF-100V-MN-PLT	14-03103301
C17	Ceramic-33pF-100V-MN-PLT	14-03331301
C18	Ceramic 1nF-100V-MN-PLT	14-03103301
C19	Mixed-470nF-63V-SB-MIN	14-21475200
C20	Ceramic-180pF-100V-MN-PLT	14-03182202
C21	Tantalum-2.2 μ F-35V	14-36226101
C22	Tantalum-2.2 μ F-35V	14-36226101
C23	Tantalum-2.2 μ F-35V	14-36226101
C24	Tantalum-2.2 μ F-35V	14-36226101
C25	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C26	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C27	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C28	Ceramic-68pF-100V-MN-PLT	14-03681301
C29	Mixed-22nF-63V-PLYEST	14-21224200
C30	Mixed-6.8nF-63V-SB-MIN	14-21683300
C31	Mixed-22nF-63V-PLYEST	14-21224200
C32	Mixed-47nF-63V-SB-MIN	14-21474200
C33	Mixed-0.01 μ F-63V-PLYEST	14-21104302
C34	Mixed-6.8nF-63V-SB-MIN	14-21683300
C35	Mixed-47nF-63V-SB-MIN	14-21474200
C36	Mixed-0.01 μ F-63V-PLYEST	14-21104302
C37	Mixed-15nF-63V-PLYEST	14-21154200
C42	Tantalum-22 μ F-16V	14-36227108
C43	Tantalum-2.2 μ F-35V	14-36226101
C44	Mixed-0.22 μ F-63V-PLYEST	14-21225200
C45	Mixed-1nF-63V-PLYEST	14-21103200
C46	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C47	Ceramic-470pF-100V-MN-PLT	14-03472300
C48	Ceramic-1nF-100V-MN-PLT	14-03103301

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Circuit Reference	Description	Part Number
C49	Ceramic-10nF-63V-MN-PLT	14-03104201
C50	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C51	Tantalum-2.2 μ F-35V	14-36226101
C52	Tantalum-2.2 μ F-35V	14-36226101
C53	Tantalum-10 μ F-16V	14-36107100
C54	Ceramic-10nF-63V-MN-PLT	14-03104201
C55	Ceramic-10nF-63V-MN-PLT	14-03104201
C56	Ceramic-10nF-63V-MN-PLT	14-03104201
C70	Tantalum-2.2 μ F-35V	14-36226101
C71	Tantalum-2.2 μ F-35V	14-36226101
C79	Ceramic-220pF-100V-MN-PLT	14-03222300
C80	Ceramic-220pF-100V-MN-PLT	14-03222300
C81	Ceramic-220pF-100V-MN-PLT	14-03222300
C82	Ceramic-1nF-100V-MN-PLT	14-03103301
C83	Mixed-100n-63V-PLYEST	14-21105200
C88	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C89	Mixed-0.1 μ F-63V-PLYEST	14-21104302
C90	Mixed-22nF-63V-PLYEST	14-21224200
C91	Mixed-22nF-63V-PLYEST	14-21224200
C92	Mixed-15nF-63V-PLYEST	14-21154200
C93	Mixed-15nF-63V-PLYEST	14-21154200
C94	Mixed-47nF-63V-SB-MIN	14-21474200
C95	Mixed-33nF-63V-5%-MKS2	14-21334200
C96	Mixed-47nF-63V-SB-MIN	14-21474200
C97	Mixed-0.01 μ F-63V-PLYEST	14-21104302
C98	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C99	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C100	Tantalum-1 μ F-35V	14-36106100
C101	Tantalum-1 μ F-35V	14-36106100
C102	Tantalum-10 μ F-16V	14-36107100
C103	Tantalum-10 μ F-16V	14-36107100
C104	100pF-WIMA-FKP02 series-100V-5%	14D24102300
C105	470pF-WIMA-FKP02 series-100V-5%	14D24472300
C106	470pF-WIMA-FKP02 series-100V-5%	14D24472300
C107	Mixed-1000pF-63V-SB-min	14-21103200
C108	680pF-WIMA-FKP02 series-100V-5%	14D24682300
C110	Mixed-4700pF-63V-SB-min	14-21473200
C111	Mixed-4700pF-63V-SB-min	14-21473200
C112	470pF-WIMA-FKP02 series-100V-5%	14D24472300
C113	150pF-WIMA-FKP02 series-100V-5%	14D24152300
C114	Mixed-22nF-63V-PLYEST	14-21224200
C115	Mixed-2.2nF-160V-PLYCRB	14-18223300
C116	Mixed-1000pF-63V-SB-min	14-21103200
C117	Tantalum-10 μ F-16V	14-36107100
C118	Tantalum-2.2 μ F-35V	14-36226101

Assembly: TX AUDIO AND CONTROL MODULE
Part No: 68-30600030

Circuit Reference	Description	Part Number
SEMICONDUCTORS		
D1	Diode 1N4148	61-00104148
D2	Zener-13V-0.4W-5%-glass	61-00201304
D3	Zener-13V-0.4W-5%-glass	61-00201304
D4	Diode BZX55C6V2	61-00206205
D5	Diode 1N4148	61-00104148
D7	Diode 1N4148	61-00104148
D8	Diode 1N4148	61-00104148
D9	LED-Red Sum Min PCBMT	61-00501800
D10	Diode 1N4148	61-00104148
D11	Diode 1N4148	61-00104148
D12	Zener-13V-0.4W-5%-glass	61-00201304
D13	Diode 1N4148	61-00104148
D14	Zener-13V-0.4W-5%-glass	61-00201304
D15	Diode BZX55C5V6	61-00205604
D16	Diode 1N4148	61-00104148
D17	LED-Red Sum Min PCBMT	61-00501800
D18	Diode BZY88C9V1	61-00209105
D19	Diode BZX88C9V1	61-00209105
D20	Diode 1N4148	61-00104148
D21	Diode 1N4148	61-00104148
IC1	Integrated circuit CA1558E	61-12001558
IC2	Integrated circuit CA1558E	61-12001558
IC3	Integrated circuit CA1558E	61-12001558
IC4	Integrated circuit CA1558E	61-12001558
IC5	Integrated circuit 4053	61-12004053
IC6	Integrated circuit CA3086	61-12003086
IC7	Integrated circuit CA1558E	61-12001558
IC8	Integrated circuit 4066	61-12004066
IC9	Integrated circuit CA3240	61-12003240
IC10	Integrated circuit CA3130	61-12003130
IC11	Integrated circuit CA3240	61-12003240
IC12	Integrated circuit 4013	61-12004013
IC13	Integrated circuit CA3130	61-12003130
IC14	Integrated circuit 4053	61-12004053
IC15	Integrated circuit CA1558E	61-12001558
IC16	Integrated circuit 4053	61-12004053
IC17	Integrated circuit CA1558E	61-12001558
IC18	Integrated circuit CA3240	61-12003240
IC19	Integrated circuit CA3240	61-12003240
IC22	Integrated circuit CA1558E	61-12001558
IC23	Integrated circuit 4066	61-12004066
IC24	Integrated circuit CA1558E	61-12001558
IC25	Integrated circuit 4066	61-12004066
IC26	Integrated circuit 4066	61-12004066

Assembly: TX AUDIO AND CONTROL MODULE
Part No: 68-30600030

Circuit Reference	Description	Part Number
IC27	Integrated circuit CA3240	61-12003240
IC28	Integrated circuit CA3240	61-12003240
IC29	Integrated circuit CA3240	61-12003240
IC30	Integrated circuit CA1558E	61-12001558
IC31	Integrated circuit AD633JN analog multiplier	61-12000633
IC32	Integrated circuit 4066	61-12004066
IC33	Integrated circuit 4048	61-12004048
IC34	Integrated circuit CA555	61-12000555
IC35	Integrated circuit 4049	61-12004049
IC36	Integrated circuit CA3240	61-12003240
IC37	Integrated circuit CA1558E	61-12001558
IC38	Integrated circuit CA1558E	61-12001558
IC39	IC-PCF8574P-I ² C I/O expander	61-12008574
IC40	IC-PCF8574AP I ² C I/O expander	61-12108574
IC41	IC-74C906-non inverting buffer	61-12074906
IC42	IC-74C906-non inverting buffer	61-12074906
IC43	IC-PCF8574AP I ² C I/O expander	61-12108574
IC45	Integrated circuit 4051	61-12004051
IC46	Integrated circuit 4051	61-12004051
IC47	Integrated circuit 4051	61-12004051
IC48	Integrated circuit 4053	61-12004053
IC49	TLC274 quad op-amp	61D12000274
TR1	Transistor J176	61-08000176
TR2	Transistor BC182	61-04120182
TR3	Transistor BC182	61-04120182
TR4	Transistor BC182	61-04120182
TR5	Transistor VN10kM	61-08000010
TR6	Transistor BC182	61-04120182
TR7	Transistor ZTX650	61-04220650
TR8	Transistor ZTX650	61-04220650
TR9	Transistor BC182	61-04120182
TR10	Transistor BC182	61-04120182
TR11	Transistor BC212	61-04110212
TR12	Transistor BC182	61-04120182
TR13	Transistor VN10KM	61-08000010
TR14	Transistor VN10KM	61-08000010
TR15	Transistor BC212	61-04110212
TR16	Transistor VN10KM	61-08000010
TR17	Transistor BC182	61-04120182
CONNECTORS		
CN1	Plug-60-PCMT-01A-A-41612	20-01640302
CN2	Plug-64-PCMT-01A-A-EDGE	20-01640300
J1	Plug-03-PCMT-ERG-MIN	20-01030302
J2	Plug-03-PCMT-ERG-MIN	20-01030302

Assembly: TX AUDIO AND CONTROL MODULE
Part No: 68-30600030

Circuit Reference	Description	Part Number
J3	Plug-03-PCMT-ERG-MIN	20-01030302
J4	Plug-03-PCMT-ERG-MIN	20-01030302
J5	Plug-03-PCMT-ERG-MIN	20-01030302
J6	Plug-03-PCMT-ERG-MIN	20-01030302
MISCELLANEOUS		
L1	Choke 7mH	79-01000012
L2	Choke 7mH	79-01000012
L3	Inductor 47mH 10RB181LY	79-01000022
L4	PC mount inductor 68 μ H	79-01000030
L5	PC mount inductor 68 μ H	79-01000030
L6	Inductor 82 μ H 10RB181LY	79B01000103
L7	PC mount inductor 68mH	79-01000030
L8	Inductor 82 μ H 10RB181LY	79B01000103
FL1	DC-supply filter	27-40000202
FL2	DC-supply filter	27-40000202
RLB	Relay 12V sub min	57-16110000
	Module chassis Tx Control	45-28332793
	PCB test point terminal	02-12000001
	PCB-3000D-Tx Control 8.33/25kHz	55D00000616
	Potentiometer hole plug	02-02202590

Assembly: VHF RF PA ASSEMBLY (3070V2 AND 3060V2 T/Rs)
Part No: 68-30700001 (3070V2) 68-30600024 (3060V2)

Circuit Reference	Description	Part Number
RESISTORS		
RV1	Potentiometer-surface mount linear cermet-2k	53-50023203
RV2	Potentiometer-surface mount linear cermet-2k	53-50023203
RV3	Potentiometer-surface mount linear cermet-10k	53-50104203
RV4	Potentiometer-surface mount linear cermet-10k	53-50104203
RV5	Potentiometer-surface mount linear cermet-10k	53-50104203
R1	Resistor-18R-0W25-5%-1206-chip	59-90182002
R2	Resistor-1k-0W25-5%-1206-chip	59-90015002
R3	Resistor-18R-0W25-5%-1206-chip	59-90182002
R4	Resistor-68R-0W25-5%-1206-chip	59-90682002
R5	Resistor-1k2-0W25-5%-1206-chip	59-90124002
R6	Resistor-18R-0W25-5%-1206-chip	59-90182002
R7	Resistor-27R-0W25-5%-1206-chip	59-90272002
R8	Resistor-18R-0W25-5%-1206-chip	59-90182002
R9	Resistor-22R-0W25-5%-1206-chip	59-90222002
R10	Resistor-22R-0W25-5%-1206-chip	59-90222002
R11	Resistor-18R-0W25-5%-1206-chip	59-90182002
R12	Resistor-1k-0W25-5%-1206-chip	59-90015002
R13	Resistor-47k-0W25-5%-1206-chip	59-90475002
R14	Resistor-33k-0W25-5%-1206-chip	59-90335002
R15	Resistor-47k-0W25-5%-1206-chip	59-90475002
R16	Resistor-10k-0W25-5%-1206-chip	59-90016002
R17	Resistor-2k2-0W25-5%-1206-chip	59-90224002
R18	Resistor 68R-0W4-1-metal film	59-10682002
R19	Resistor-1k2-0W25-5%-1206-chip	59-90124002
R20	Resistor-10R-0W4-1-metal film	59-10102002
R21	Resistor-10R-0W4-1-metal film	59-10102002
R22	Resistor-27R-20W-5%-TO220	59-80272200
R23	Resistor-10R-0W4-1-metal film	59-10102002
R24	Resistor-10R-0W4-1-metal film	59-10102002
R25	Resistor-27R-20W-5%-TO220	59-80272200
R26	Resistor-10k-0W25-5%-1206-chip	59-90016002
R27	Resistor-10k-0W25-5%-1206-chip	59-90016002
R28	Resistor-15R-0W4-1-metal film	59-10152002
R29	Resistor-15R-0W4-1-metal film	59-10152002
R30	Resistor-4k7-0W25-5%-1206-chip	59-90474002
R31	Resistor-10R-0W4-1 metal film	59-10102002
R32	Resistor-10R-0W4-1 metal film	59-10102002
CAPACITORS		
C1	Ceramic-5nF-350V-feedthrough	14-03503300
C2	Ceramic-5nF-350V-feedthrough	14-03503300
C4	Ceramic-1nF-500V-feedthrough	14-03103411
C6	Ceramic-220pF-50V-chip	14-03222200

Assembly: VHF RF PA ASSEMBLY (3070V2 AND 3060V2 T/Rs)
Part No: 68-30700001 (3070V2) 68-30600024 (3060V2)

Circuit Reference	Description	Part Number
C7	Ceramic-220pF-50V-chip	14-03222200
C8	Ceramic-220pF-50V-chip	14-03222200
C9	Ceramic-220pF-50V-chip	14-03222200
C10	Ceramic-220pF-50V-chip	14-03222200
C11	Porcelain-150pF-300V-chip	14-30152300
C12	Ceramic-5.6pF-50V-chip	14-03560200
C13	Porcelain-470pF-200V-chip	14-30472300
C14	Porcelain-470pF-200V-chip	14-30472300
C15 *	Plastic-1 μ F-50V-20%-SM	14-21106201
C15 **	Porcelain-470pF-200V-chip	14-30472300
C17	Porcelain-470pF-200V-chip	14-30472300
C18	Porcelain-470pF-200V-chip	14-30472300
C19	Porcelain-470pF-200V-chip	14-30472300
C20	Plastic-100nF-50V-10%-SM	14-21105202
C21	Porcelain-100pF-500V-chip	14-30102401
C22	Porcelain-68pF-500V-chip	14-30681400
C23	Plastic-100nF-50V-10%-SM	14-21105202
C24	Porcelain-470pF-200V-chip	14-30472300
C26	Porcelain-470pF-200V-chip	14-30472300
C27	Porcelain-1nF-50V-chip	14-30103300
C28	Porcelain-470pF-200V-chip	14-30472300
C29	Porcelain-470pF-200V-chip	14-30472300
C30	Ceramic-100nF-50V-chip	14-03105200
C31	Electrolytic-1000 μ F-40V-138 series 105 deg C	14G06109103
C32	Porcelain-470pF-200V-chip	14-30472300
C33	Porcelain-470pF-200V-chip	14-30472300
C34	Porcelain-68pF-500V-chip	14-30681400
C35	Porcelain-470pF-200V-chip	14-30472300
C36	Porcelain-470pF-200V-chip	14-30472300
C37	Porcelain-1nF-50V-chip	14-30103300
C38	Ceramic-100nF-50V-chip	14-03105200
C39	Porcelain-200pF-300V-10%	14D30202301
C39A	Porcelain-200pF-300V-10%	14D30202301
C40	Porcelain-200pF-300V-10%	14D30202301
C40A	Porcelain-200pF-300V-10%	14D30202301
C41	Porcelain-470pF-200V-chip	14-30472300
C42	Porcelain-1nF-50V-chip	14-30103300
C43	Ceramic-100nF-50V-chip	14-03105200
C44	Plastic-100nF-50V-10%-SM	14-21105202
C45	Porcelain-470pF-200V-chip	14-30472300
C46	Porcelain-470pF-200V-chip	14-30472300
C47	Porcelain-220pF-200V-chip	14-30222300
C48	Porcelain-120pF-300V-chip	14-30122300
C49	Porcelain-220pF-200V-chip	14-30222300
C50	Porcelain-470pF-200V-chip	14-30472300

Assembly: VHF RF PA ASSEMBLY (3070V2 AND 3060V2 T/Rs)
Part No: 68-30700001 (3070V2) 68-30600024 (3060V2)

Circuit Reference	Description	Part Number
C51	Porcelain-470pF-200V-chip	14-30472300
C52	Plastic-100nF-50V-10%-SM	14-21105202
C53	Electrolytic-1000 μ F-40V-138 series 105 deg C	14G06109103
C54	Electrolytic-1000 μ F-40V-138 series 105 deg C	14G06109103
C55	Ceramic-5nF-350V-feedthrough	14-03503300
C56	Ceramic-5nF-350V-feedthrough	14-03503300
C57	Ceramic-5nF-350V-feedthrough	14-03503300
C58	Porcelain-36pF-500V-chip	14-30361400
C59	Ceramic-5nF-350V-feedthrough	14-03503300
C60	Not fitted	
C61	Not fitted	
C62	Porcelain-36pF-500V-chip	14-30361400
C63	Ceramic-15pF-5%-63V-NPO-1206	14-03151201

Note ...

C15*, is located on the driver PCB (FET)-C15** is located on the RF PA PCB (FET).

SEMICONDUCTORS

D1	Pin diode-HSMP3820-SOT23	61-00403820
D2	Pin diode-HSMP3820-SOT23	61-00403820
D3	Diode-HSMS-2800-chip	61-20612800
D5	Diode-6V2-zener-chip	61-20206214
D6	Diode-6V2-zener-chip	61-20206214
TR1	FET-D2008UK	61D08002008
TR2	FET-MRF136-RF-power	61-08000136
TR3	FET-MRF171A	61D08001171
TR4	Transistor-BC847-chip	61-24120847
TR5	Transistor-BC857-chip	61-24120857
TR6	FET-MRF 174	61-08001174
TR7	FET-MRF 174	61-08001174

INDUCTORS

L1	Inductor-220nH-1210-chip	79-01000050
L2	Inductor-220nH-1210-chip	79-01000050
L3	Inductor-220nH-1210-chip	79-01000050
L4	Inductor-220nH-1210-chip	79-01000050
L5	Coil 2T 22SWG ID 4mm	79-11000048
L6	Coil 5T 22SWG ID 3mm	79-11000046
L7	Coil 10T 22SWG ID 4mm	79-11000047
L8	RF-torroid-choke-4T	79-11000045
L9	RF-torroid-choke-4T	79-11000045
L10	RF-torroid-choke-4T	79-11000045
L11	Coil 5T 22SWG ID 3mm	79-11000046
L12	RF-torroid-choke-4T	79-11000045

Assembly: VHF RF PA ASSEMBLY (3070V2, 3170V2, 3060V2 and 3160 V2 models)
Part No: 68-30700001 (3070V2 and 3170V2) 68-30600024 (3060V2 and 3160 V2)

Circuit Reference	Description	Part Number
L13	RF-torroid-choke-4T	79-11000045
L14*	Coil 2T 22SWG ID 4mm	79-11000048
L14**	3060 VHF PA hairpin inductor	79C11000087
L15*	Coil; 2T 22SWG ID 4mm	79-11000048
L15**	3060 VHF PA hairpin inductor	79C11000087

Note ...

L14* and L15*, are located on the driver PCB. L14** and L15** are located on the RF PA PCB.

CONNECTORS

CN1	Socket-BK-S-screw ON-S-SMA	19-02070501
CN2	Socket-BK-S-screw ON-S-SMA	19-02070501
CN3	Socket-BK-S-RG316-S-SMA	19-02070502
	Socket-02-free-03A-SM	20-02020103
	Plug-01-CHAS-13A-S-insert	20-01010400
	Socket-01-free-3A-S-insert	20-02010402
	Shell-FLG-03-trident	20-09030101
	Socket-SKT-06-free—03A-S-SIL	20-02060101

METALWORK

VHF box 1	45-00002711
VHF PA (FET) box 3	45-00007767
PA-box-lid	45-00002802
Heatsink right	45-00002642

MISCELLANEOUS

LK1-LK3	Plug-02-PCMT-05A-SM	20-01020302
T1	RF-balun-18R	79-10000092
T2	PA transformer	79-10000019
T3	PA transformer	79-10000019
T4	PA transformer	79-10000018
	Twisted contact strip	02-27019165
	Spacer HEX M/F BR M3 X 20-8 stud	36-05030208
	Stand off insulator	39-00233293
	VHF RF PA driver PCB (FET)	55-00000514
	RF PA PCB (FET)	55-00000515
	1303 PA matching inductor	45-00004206
	5350 PA screen for ext. range	45-00009037
L14**	3060 VHF PA hairpin inductor	79C11000087
L15*	Coil 2T 22SWG ID 4mm	79-11000048

Assembly: VHF RF PA ASSEMBLY (3070V2, 3170V2, 3060V2 and 3160 V2 models)
Part No: 68-30700001 (3070V2 and 3170V2) 68-30600024 (3060V2 and 3160 V2)

Circuit Reference	Description	Part Number
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Note ...

The following additional components are fitted to the 3070V2 TR, VHF PA

D4	Diode-6V2-zener-chip	61-20206214
IC1	LM35DH-temperature sensor	61-12000035
R51	Resistor-1k-0W25-5%-1206-chip	59-90015002

Assembly: UHF RF PA ASSEMBLY (3040V2 AND 3060V2 T/Rs)
Part No: 68-30300007 (3040V2) 68-30600024 (3060V2)

Circuit Reference	Description	Part Number
RESISTORS		
RV1	Pot-PCB-linear cermet-2k-hor (3040V2)	53-50024204
RV1	Pot-PCB-linear cermet-10k-hor (3060V2)	53-40104204
RV2	Pot-PCB-linear cermet-2k-hor	53-50024204
RV3	Pot-PCB-linear cermet-2k-hor	53-50024204
RV4	Pot-PCB-linear cermet-1k-hor	53-50014204
R2	Resistor-22R-0W50-5%-metal film	59-10222002
R3	Resistor-330R-0W50-5%-metal film	59-13302002
R4	Resistor-22R-0W50-5%-metal film	59-10222002
R5	Resistor-39R-0W50-5%-metal film	59-10392002
R6	Resistor-330R-0W50-5%-metal film	59-13302002
R7	Resistor-330R-0W50-5%-metal film	59-13302002
R8	Resistor-1k-0W50-5%-metal film	59-10015002
R9	Resistor-10R-0W50-5%-metal film	59-10102002
R10	Resistor-10R-0W50-5%-metal film	59-10102002
R11	Resistor-180R-0W50-5%-metal film	59-11802002
R12	Resistor-10k-0W50-5%-metal film	59-10105002
R13	Resistor-47k-0W50-5%-metal film	59-10475002
R14	Resistor-47k-0W50-5%-metal film	59-10475002
R15	Resistor-2k7-0W50-5%-metal film	59-10274002
R16	Resistor-1R-2W50-5%-wirewound	59-40012025
R17	Resistor-1R-2W50-5%-wirewound	59-40012025
R18	Resistor-1R-2W50-5%-wirewound	59-40012025
R19	Resistor-22R-0W6-1%-metal film	59-10222003
R20	Resistor-22R-0W6-1%-metal film	59-10222003
R21	Resistor-2k2-0W50-5%-metal film	59-10224002
R22	Resistor-100R-20W0-2%-microstrip	59-81002100
R23	Resistor-100R-20W0-2%-microstrip	59-81002100
R24	Resistor-10R-0W50-5%-metal film	59-10102002
R25	Resistor-10R-0W50-5%-metal film	59-10102002
R26	Resistor-10R-0W50-5%-metal film	59-10102002
R27	Resistor-10R-0W50-5%-metal film	59-10102002
R28	Resistor-10k-0W50-5%-metal film	59-10105002
CAPACITORS		
C1	Ceramic-1nF-100V-miniature plate	14-03103301
C2	Porcelain-470pF-200V-chip	14-30472300
C4	Porcelain-100pF-500V-chip	14-30102400
C5	Porcelain-470pF-200V-chip	14-30472300
C6	Ceramic-1nF-100V-miniature plate	14-03103301
C7	Porcelain-100pF-500V-chip	14-30102400
C8	Porcelain-470pF-200V-chip	14-30472300

Assembly: UHF RF PA ASSEMBLY (3040V2 AND 3060V2 T/Rs)
Part No: 68-30300007 (3040V2) 68-30600024 (3060V2)

Circuit Reference	Description	Part Number
C9	Porcelain-470pF-200V-chip	14-30472300
C10	Ceramic-1nF-100V-miniature plate	14-03103301
C12	Porcelain-27pF-500V-chip	14-30271400
C13	Porcelain-470pF-200V-chip	14-30472300
C14	Porcelain-470pF-200V-chip	14-30472300
C15	Porcelain-470pF-200V-chip	14-30472300
C16	Porcelain-470pF-200V-chip	14-30472300
C17	Ceramic-100nF-100V-MONOLC	14-03105300
C18	Ceramic-4.7pF-100V-miniature plate	14-03470301
C20	Ceramic-5nF-350V-feedthrough	14-03503300
C21	Ceramic-5nF-350V-feedthrough	14-03503300
C22	Ceramic-1nF-500V-feed-through	14-03103411
C23	Ceramic-5nF-350V-feedthrough	14-03503300
C24	Porcelain-15pF-500V-chip	14-30151400
C25	Electrolytic-330 μ F-50V	14-06338200
C26	Porcelain-39pF-500V-chip	14-30391400
C27	Porcelain-39pF-500V-chip	14-30391400
C28	Porcelain-27pF-500V-chip	14-30271400
C29	Porcelain-56pF-500V-chip	14-30561400
C30	Porcelain-27pF-500V-chip	14-30271400
C31	Porcelain-39pF-500V-chip	14-30391400
C32	Porcelain-39pF-500V-chip	14-30391400
C33	Porcelain-15pF-500V-chip	14-30151400
C34	Mixed-0.22 μ F-63V-polyester	14-21225200
C35	Ceramic-5nF-350V-feedthrough	14-03503300
C36	Tantalum-2.2 μ F-35V	14-36226101
C37	Porcelain-39pF-500V-chip	14-30391400
C38	Porcelain-39pF-500V-chip	14-30391400
C39	Porcelain-27pF-500V-chip	14-30271400
C40	Porcelain-56pF-500V-chip	14-30561400
C41	Porcelain-27pF-500V-chip	14-30271400
C42	Porcelain-33pF-500V-chip	14-30331400
C43	Porcelain-33pF-500V-chip	14-30331400
C44	Porcelain-27pF-500V-chip	14-30271400
C45	Porcelain-39pF-500V-chip	14-30391400
C46	Porcelain-39pF-500V-chip	14-30391400
C47	Porcelain-27pF-500V-chip	14-30271400
C48	Porcelain-56pF-500V-chip	14-30561400
C49	Porcelain-27pF-500V-chip	14-30271400
C50	Porcelain-33pF-500V-chip	14-30331400
C51	Porcelain-33pF-500V-chip	14-30331400
C52	Porcelain-27pF-500V-chip	14-30271400
C53	Ceramic-100nF-100V-MONOLC	14-03105300
C54	Ceramic-100nF-100V-MONOLC	14-03105300
C55	Ceramic-5nF-350V-feedthrough	14-03503300

Assembly: UHF RF PA ASSEMBLY (3040V2 AND 3060V2 T/Rs)
Part No: 68-30300007 (3040V2) 68-30600024 (3060V2)

Circuit Reference	Description	Part Number
C56	Ceramic-5nF-350V-feedthrough	14-03503300
C58	Electrolytic-1000 μ F-40V-138 series 105 deg C	14G06109103
C59	Electrolytic-1000 μ F-40V-138 series 105 deg C	14G06109103
C60	Mixed-0.47 μ F-63V-SB-MIN	14-21475200
C61	Electrolytic-330 μ F-50V	14-06338200

SEMICONDUCTORS

D1	Diode 5082-2835	61-00602835
D2	Diode BZX55C5V6	61-00205604
D3	Diode BZY88C8V2	61-00208205
D6	Diode 1N4148	61-00104148
D7	Diode 1N4148	61-00104148
D8	Diode 1N4148	61-00104148
IC1	Integrated circuit LM35DH temperature sensor	61-12000035
TR1	FET-MRF134-RF-power	61-08000134
TR2	FET-MRF134-RF-power	61-08000134
TR3	FET-MFR136-RF-power	61-08000136
TR4	Transistor BC212	61-04110212
TR5	Transistor BC182	61-04120182
TR6	Transistor MRF392	61-04524130
TR7	Transistor MJE340	61-04220340
TR8	Transistor MRF392	61-04524130
TR9	Transistor MRF392	61-04524130

CONNECTORS

CN1	Socket-BK-S-screw on-S-SMA	19-02070501
CN2	Socket-BK-S-screw on-S-SMA	19-02070501
	Socket-01-free-3A-S-insert	20-02010402
	Plug-01-chassis-13A-S-Insert	20-01010400
CN3	Socket-06-free-03A-S-SIL	20-02060101
CN4	SHGL-FLG-03-trident	20-09030101

METALWORK

PA box lid	45-00002802
UHF/VHF box 3	45-00002724
UHF box 2	45-00002723
UHF box 1	45-00002722
Heatsink right	45-00002642

Assembly: UHF RF PA ASSEMBLY (3040V2 AND 3060V2 T/Rs)
Part No: 68-30300007 (3040V2) 68-30600024 (3060V2)

Circuit Reference	Description	Part Number
MISCELLANEOUS		
	Twisted contact strip	02-27019165
	Stand off insulator	39-00233293
PCB1	UHF driver 1	55-00000306
PCB2	UHF driver 2	55-00000307
PCB3	PCB UHF power amplifier	55-00000245
PCB4	PA splitter PCB	55-00000308
PCB5	PA combiner PCB	55-00000309
L1	Coil-1.0T enamel ID 3.0mm	79-10000078
L3	Coil-5.0T enamel ID 3.0mm	79-10000071
L5	Coil-2.0T enamel ID 3.0mm	79-10000070
L7	Coil-5x2mm hairpin TCW	79-10000080
L8	Coil-1.0T enamel ID 3.0mm	79-10000069
L11	Choke 10 μ H SC30	79-01000013
L12	Choke μ H15 10T 3.5mm ID	79-01000024
L13	Choke μ H15 10T 3.5mm ID	79-01000024
L14	Choke 10 μ H SC30	79-01000013
L15	Choke 10 μ H SC30	79-01000013
L16	Choke μ H15 10T 3.5mm ID	79-01000024
L17	Choke μ H15 10T 3.5mm ID	79-01000024
L18	Choke 10 μ H SC30	79-01000013
L19	Coil-10x2mm hairpin TCW	79-10000081
L20	Choke μ H15 10T 3.5mm ID	79-01000024
L21	Choke μ H15 10T 3.5mm ID	79-01000024
L22	Choke 10 μ H SC30	79-01000013
L23	Choke μ H15 10T 3.5mm ID	79-01000024
L24	Choke μ H15 10T 3.5mm ID	79-01000024
L25	Choke 10 μ H SC30	79-01000013
L26	Coil-10x2mm hairpin TCW	79-10000081
L27	Choke μ H15 10T 3.5mm ID	79-01000024
L28	Choke μ H15 10T 3.5mm ID	79-01000024
L29	Coil-6.0T enamel ID 5.0mm	79-10000079
L30	Coil-6.0T enamel ID 5.0mm	79-10000079
L31	Coil-10x2mm hairpin TCW	79-10000081
L32	Choke μ H15 10T 3.5mm ID	79-01000024
L33	Choke μ H15 10T 3.5mm ID	79-01000024
T2	RF transformer .056 coaxial	79-10000008
T3	RF transformer .056 coaxial	79-10000008
T4	RF transformer .056 coaxial	79-10000008
T5	RF transformer .056 coaxial	79-10000008
T6	RF transformer .056 coaxial	79-10000008
T7	RF transformer .056 coaxial	79-10000008

Assembly: FILTER COUPLER ASSEMBLY

Part No: 68-30700002 (3070V2 TR), 68-30300001 (3040V2 TR), 68-30600025 (3060V2 TR)

Circuit Reference	Description	Part Number
CONNECTORS		
	Coax-SMA/SMA-RG142-145mm (3070V2 and 3060V2 T/Rs)	17-01000054
	Coax-SMA/SMA-RG316-75mm (3040V2 and 3060V2 T/Rs)	17-01000057
	Socket-09-free-03A-S-SIL	20-02090102
	Socket-01-free-3A-S-insert	20-02010402
METALWORK		
	VHF filter mounting plate (3070V2 & 3060V2 T/Rs)	45-00008406
	UHF filter mounting plate(3040V2 & 3060V2 T/Rs)	45-00002703
	Heatsink (left)	45-00002701
MISCELLANEOUS		
	VHF Low pass filter (3070V2 & 3060V2 TRs)	27-30000034
	UHF Low pass filter 5275A (3040V2 & 3060V2 TRs)	27-10052750
	VHF Directional coupler (3070V2 & 3060V2 TRs)	68-30300097
	UHF Directional coupler (3040V2 & 3060V2 TRs)	68-30000098
	Power regulator assembly	68-30300004

Assembly: VHF DIRECTIONAL COUPLER (3070V2 AND 3060V2 T/Rs)
Part No: 68-30000097

Circuit Reference	Description	Part Number
RESISTORS		
RV1	Potentiometer-linear-cermet-2k	53D50203202
RV2	Potentiometer-linear-cermet-2k	53D50203202
R1	Resistor-51R-0W25-5%-1206-chip	59-10682002
R2	Resistor-51R-0W25-5%-1206-chip	59-10682002
R3	Resistor-2k2 0W25-5%-1206-chip	59-90224002
R4	Resistor-2k2 0W25-5%-1206-chip	59-90224002
CAPACITORS		
C1	Ceramic-100pF-50V-chip-	14-03102200
C2	Ceramic-100pF-50V-chip-	14-03102200
C3	Ceramic-47pF-50V-chip	14-03471200
C4	Ceramic-100pF-50V-chip-	14-03102200
C5	Ceramic-470pF-50V-chip	14-03472302
C6	Ceramic-470pF-50V-chip	14-03472302
C7	Ceramic-47pF-50V-chip	14-03471200
C8	Ceramic-100pF-50V-chip-	14-03102200
C9	Ceramic-470pF-50V-chip	14-03472302
SEMICONDUCTORS		
D1	Single schottky-HSMS2800-SOT23	61-20612800
D2	Single schottky-HSMS2800-SOT23	61-20612800
CONNECTORS		
	Socket-BK-S-flange-S-SMA	19-02070500
	Socket-01-PCMT-27A-S-pin	20-02010304
METALWORK		
	Directional coupler C/R rod	45-00002706
	Directional coupler block	45-00002705
	Directional coupler endplate	45-00002708
	Directional coupler spacer PTFE GA6057	45-00006057
	Directional coupler pickup element	45-00006043

Assembly: VHF DIRECTIONAL COUPLER (3070V2 AND 3060V2 T/Rs)
Part No: 68-30000097

Circuit Reference	Description	Part Number
MISCELLANEOUS		
PCB1	Directional coupler	55-00000479
L1	Inductor-150nH-1210-chip	79-01000058
L2	Inductor-150nH-1210-chip	79-01000058
L3	Inductor-150nH-1210-chip	79-01000058
L4	Inductor-150nH-1210-chip	79-01000058

Assembly: UHF DIRECTIONAL COUPLER (3040V2 AND 3060V2 T/Rs)
Part No: 68-30000098

Circuit Reference	Description	Part Number
RESISTORS		
RV1	Potentiometer-linear-cermet-2k	53D50203202
RV2	Potentiometer-linear-cermet-2k	53D50203202
R1	Resistor-75R-0W25-5%-1206-chip	59-90752002
R2	Resistor-75R-0W25-5%-1206-chip	59-90752002
R3	Resistor-2k2 0W25-5%-1206-chip	59-90224002
R4	Resistor-2k2 0W25-5%-1206-chip	59-90224002
CAPACITORS		
C1	Ceramic-100pF-50V-chip-	14-03102200
C2	Ceramic-100pF-50V-chip-	14-03102200
C3	Ceramic-12pF-50V-chip	14-03121200
C4	Ceramic-100pF-50V-chip-	14-03102200
C5	Ceramic-470pF-50V-chip	14-03472302
C6	Ceramic-470pF-50V-chip	14-03472302
C7	Ceramic-12pF-50V-chip	14-03121200
C8	Ceramic-100pF-50V-chip-	14-03102200
C9	Ceramic-470pF-50V-chip	14-03472302
SEMICONDUCTORS		
D1	Single schottky-HSMS2800-SOT23	61-20612800
D2	Single schottky-HSMS2800-SOT23	61-20612800
CONNECTORS		
	Socket-BK-S-flange-S-SMA	19-02070500
	Socket-01-PCMT-27A-S-pin	20-02010304
METALWORK		
	Directional coupler C/R rod	45-00002706
	Directional coupler block	45-00002705
	Directional coupler endplate	45-00002708
	Directional coupler spacer PTFE GA6057	45-00006057
	Directional coupler pickup element	45-00006043

Assembly: UHF DIRECTIONAL COUPLER (3040V2 AND 3060V2 T/Rs)
Part No: 68-30000098

Circuit Reference	Description	Part Number
MISCELLANEOUS		
PCB1	Directional coupler	55-00000479
L1	Inductor-150nH-1210-chip	79-01000058
L2	Inductor-150nH-1210-chip	79-01000058
L3	Inductor-150nH-1210-chip	79-01000058
L4	Inductor-150nH-1210-chip	79-01000058

Assembly: POWER REGULATOR ASSEMBLY
Part No: 68-30300004

Circuit Reference	Description	Part Number
RESISTORS		
RV1	Potentiometer-PCB-linear cermet-10k-horizontal	53-51003205
R1	Resistor-2k2-0W50-5%-metal film	59-10224002
R2	Resistor-220R-0W50-5%-metal film	59-12202002
R3	Resistor-220R-0W50-5%-metal film	59-12202002
R4	Resistor-0R03-3W00-1%-wirewound	59-40330030
R5	Resistor-10k-0W50-5%-metal film	59-10105002
R6	Resistor-15R-0W50-5%-metal film	59-10152002
R7	Resistor-470R-0W50-5%-metal film	59-14702002
R8	Resistor-10k-0W50-5%-metal film	59-10105002
R9	Resistor-10k-0W50-5%-metal film	59-10105002
R10	Resistor-10k-0W50-5%-metal film	59-10105002
R11	Resistor-10k-0W50-5%-metal film	59-10105002
R12	Resistor-2k2-0W50-5%-metal film	59-10224002
R13	Resistor-220R-0W50-5%-metal film	59-12202002
R14	Resistor-220R-0W50-5%-metal film	59-12202002
R15	Resistor-0R03-3W00-1%-wirewound	59-40330030
R16	Resistor-10k-0W50-5%-metal film	59-10105002
R17	Resistor-15R-0W50-5%-metal film	59-10152002
R18	Resistor-470R-0W50-5%-metal film	59-14702002
R19	Resistor-4k7-0W50-5%-metal film	59-10474002
R20	Resistor-1k-0W50-5%-metal film	59-10015002
R21	Resistor-1k-0W50-5%-metal film	59-10015002
R24	Resistor-2k2-0W50-5%-metal film	59-10224002
R25	Resistor-220R-0W50-5%-metal film	59-12202002
R26	Resistor-220R-0W50-5%-metal film	59-12202002
R27	Resistor-0R03-3W00-1%-wirewound	59-40330030
R28	Resistor-10k-0W50-5%-metal film	59-10105002
R29	Resistor-15R-0W50-5%-metal film	59-10152002
R30	Resistor-470R-0W50-5%-metal film	59-14702002
R31	Resistor-2k2-0W50-5%-metal film	59-10224002
R32	Resistor-220R-0W50-5%-metal film	59-12202002
R33	Resistor-220R-0W50-5%-metal film	59-12202002
R34	Resistor-0R03-3W00-1%-wirewound	59-40330030
R35	Resistor-10k-0W50-5%-metal film	59-10105002
R36	Resistor-15R-0W50-5%-metal film	59-10152002
R37	Resistor-470R-0W50-5%-metal film	59-14702002
R38	Resistor-10k-0W50-5%-metal film	59-10105002
R39	Resistor-10k-0W50-5%-metal film	59-10105002
R40	Resistor-10k-0W50-5%-metal film	59-10105002
R41	Resistor-10k-0W50-5%-metal film	59-10105002
R43	Resistor-1k-0W50-5%-metal film	59-10015002
R45	Resistor-4k7-0W50-5%-metal film	59-10474002

Assembly: POWER REGULATOR ASSEMBLY
Part No: 68-30300004

Circuit Reference	Description	Part Number
R46	Resistor-1k-0W50-5%-metal film	59-10015002
R47	Resistor-2k2-0W50-5%-metal film	59-10224002
R48	Resistor-220R-0W50-5%-metal film	59-12202002
R49	Resistor-220R-0W50-5%-metal film	59-12202002
R50	Resistor-0R03-3W00-1%-wirewound	59-40330030
R51	Resistor-10k-0W50-5%-metal film	59-10105002
R52	Resistor-15R-0W50-5%-metal film	59-10152002
R53	Resistor-470R-0W50-5%-metal film	59-14702002
R54	Resistor-2k2-0W50-5%-metal film	59-10224002
R55	Resistor-220R-0W50-5%-metal film	59-12202002
R56	Resistor-220R-0W50-5%-metal film	59-12202002
R57	Resistor-0R03-3W00-1%-wirewound	59-40330030
R58	Resistor-10k-0W50-5%-metal film	59-10105002
R59	Resistor-15R-0W50-5%-metal film	59-10152002
R60	Resistor-470R-0W50-5%-metal film	59-14702002
R61	Resistor-10k-0W50-5%-metal film	59-10105002
R62	Resistor-10k-0W50-5%-metal film	59-10105002
R63	Resistor-10k-0W50-5%-metal film	59-10105002
R64	Resistor-10k-0W50-5%-metal film	59-10105002
R66	Resistor-1k-0W50-5%-metal film	59-10015002
R68	Resistor-4k7-0W50-5%-metal film	59-10474002
R69	Resistor-1k-0W50-5%-metal film	59-10015002
R70	Resistor-18k-0W50-5%-metal film	59-10185002
R71	Resistor-10k-0W50-5%-metal film	59-10105002
R72	Resistor-47k-0W50-5%-metal film	59-10475002
R73	Resistor-47k-0W50-5%-metal film	59-10475002
R74	Resistor-10k-0W50-5%-metal film	59-10105002
R75	Resistor-10k-0W50-5%-metal film	59-10105002
R76	Resistor-47k-0W50-5%-metal film	59-10475002
R77	Resistor-47k-0W50-5%-metal film	59-10475002
R78	Resistor-33R-0W50-5%-metal film	59-10332002
R79	Resistor-1k8-0W50-5%-metal film	59-10184002
R80	Resistor-10k-0W50-5%-metal film	59-10105002
R81	Resistor-10k-0W50-5%-metal film	59-10105002
R82	Resistor-100k-0W50-5%-metal film	59-11005002
R83	Resistor-3k9-0W50-5%-metal film	59-10394002
R84	Resistor-470k-0W50-5%-metal film	59-14705002
RV1	Potentiometer-PCB-LN-CRMT-10 k-horizontal	53-51003205
CAPACITORS		
C2	Ceramic-10nF-63V-miniature plate	14-03104201
C4	Ceramic-10nF-63V-miniature plate	14-03104201
C5	Ceramic-10nF-63V-miniature plate	14-03104201

Assembly: POWER REGULATOR ASSEMBLY
Part No: 68-30300004

Circuit Reference	Description	Part Number
C7	Ceramic-10nF-63V-miniature plate	14-03104201
C9	Ceramic-10nF-63V-miniature plate	14-03104201
C10	Ceramic-10nF-100V-miniature plate	14-03104201
C12	Ceramic-10nF-63V-miniature plate	14-03104201
C14	Ceramic-10nF-63V-miniature plate	14-03104201
C15	Ceramic-10nF-63V-miniature plate	14-03104201
C16	Mixed-0.1 μ F-63V-polyester	14-21105200
C17	Mixed-0.1 μ F-63V-polyester	14-21105200
C18	Mixed-0.1 μ F-63V-polyester	14-21105200
C19	Ceramic-1nF-100V-miniature plate	14-03103301
C20	Ceramic-1nF-100V-miniature plate	14-03103301
C21	Ceramic-1nF-100V-miniature plate	14-03103301
C22	Ceramic-1nF-100V-miniature plate	14-03103301
C23	Electrolytic-100 μ F-40V	14-06108111
C24	Mixed-0.1 μ F-63V-polyester	14-21105200

SEMICONDUCTORS

D1	Diode 1N4148	61-00104148
D2	Zener diode BZY88C3V0	61-00203005
D3	Diode 1N4148	61-00104148
D4	Zener diode BZY88C3V0	61-00203005
D5	Diode 1N4148	61-00104148
D6	Zener diode BZY88C3V0	61-00203005
D7	Diode 1N4148	61-00104148
D8	Zener diode BZY88C3V0	61-00203005
D9	Diode 1N4148	61-00104148
D10	Zener diode BZY88C3V0	61-00203005
D11	Diode 1N4148	61-00104148
D12	Zener diode BZY88C3V0	61-00203005
D15	Diode 1N4004	61-00314004
D16	Diode BZX55C12	61-00212005
D17	Diode BZX55C12	61-00212005
D18	Diode BZX55C12	61-00212005
D19	Diode BZX55C12	61-00212005
IC1	Integrated circuit LM201AN-operational amplifier	61-12000201
IC2	Integrated circuit LM201AN-operational amplifier	61-12000201
IC3	Integrated circuit LM201AN-operational amplifier	61-12000201
IC4	Integrated circuit LM201AN-operational amplifier	61-12000201
IC5	Integrated circuit LM201AN-operational amplifier	61-12000201
IC6	Integrated circuit LM201AN-operational amplifier	61-12000201
IC7	Integrated circuit CA3130	61-12003130
IC8	Integrated circuit CA3130	61-12003130
IC9	Integrated circuit CA3130	61-12003130

Assembly: POWER REGULATOR ASSEMBLY
Part No: 68-30300004

Circuit Reference	Description	Part Number
RESISTORS		
R1	Resistor-2k2-0W4-1%-metal film	59-10224002
R2	Resistor-220R-0W4-1%-metal film	59-12202002
R3	Resistor-220R-0W4-1%-metalfilm	59-12202002
R4	Resistor-R.03-3W-1%-WND-SIL	59-40330030
R5	Resistor-10k-0W4-1%-metal film	59-10105002
R6	Resistor-15R-0W40-1%-metal film	59-10152002
R7	Resistor-470R-0W4-1%-metal film	59-14702002
R8	Resistor-10k-0W4-1%-metal film	59-10105002
R9	Resistor-10k-0W4-1%-metal film	59-10105002
R10	Resistor-10k-0W4-1%-metal film	59-10105002
R11	Resistor-10k-0W4-1%-metal film	59-10105002
R12	Resistor-2k2-0W4-1%-metal film	59-10224002
R13	Resistor-220R-0W4-1%-metal film	59-12202002
R14	Resistor-220R-0W4-1%-metal film	59-12202002
R15	Resistor-R.03-3W-1%-WND-SIL	59-40330030
R16	Resistor-10k-0W4-1%-metal film	59-10105002
R17	Resistor-15R-0W4-1%-metal film	59-10152002
R18	Resistor-470R-0W4-1%-metal film	59-14702002
R19	Resistor-4k7-0W4-1%-metal film	59-10474002
R20	Resistor-1k-0W4-1%-metal film	59-10015002
R21	Resistor-1k-0W4-1%-metal film	59-10015002
R24	Resistor-2k2-0W4-1%-metal film	59-10224002
R25	Resistor-220R-0W4-1%-metal film	59-12202002
R26	Resistor-220R-0W4-1%-metal film	59-12202002
R27	Resistor-R.03-3W-1%-WND-SIL	59-40330030
R28	Resistor-10k-0W4-1%-metal film	59-10105002
R29	Resistor-15R-0W40-1%-metal film	59-10152002
R30	Resistor-470R-0W4-1%-metal film	59-14702002
R31	Resistor-2k2-0W4%-1-metal film	59-10224002
R32	Resistor-220R-0W4%-1-metal film	59-12202002
R33	Resistor-220R-0W4%-1-metal film	59-12202002
R34	Resistor-R.03-3W-1%-WND-SIL	59-40330030
R35	Resistor-10k-0W4-1%-metal film	59-10105002
R36	Resistor-15R-0W40-1%-metal film	59-10152002
R37	Resistor-470R-0W4-1%-metal film	59-14702002
R38	Resistor-10k-0W4-1%-metal film	59-10105002
R39	Resistor-10k-0W4-1%-metal film	59-10105002
R40	Resistor-10k-0W4-1%-metal film	59-10105002
R41	Resistor-10k-0W4-1%-metal film	59-10105002
R43	Resistor-1k-0W4-1%-metal film	59-10015002
R45	Resistor-4k7-0W4-1%-metal film	59-10474002
R46	Resistor-1k-0W4-1%-metal film	59-10015002
R47	Resistor-2k2-0W4-1%-metal film	59-10224002
R48	Resistor-220R-0W4-1%-metal film	59-12202002

Assembly: POWER REGULATOR ASSEMBLY
Part No: 68-30300004

Circuit Reference	Description	Part Number
R49	Resistor-220R-0W4-1%-metal film	59-12202002
R50	Resistor-R.03-3W-1%-WND-SIL	59-40330030
R51	Resistor-10k-0W4-1%-metal film	59-10105002
R52	Resistor-15R-0W40-1%-metal film	59-10152002
R53	Resistor-470R-0W4-1%-metal film	59-14702002
R54	Resistor-2k2-0W4-1%-metal film	59-10224002
R55	Resistor-220R-0W4-1%-metal film	59-12202002
R56	Resistor-220R-0W4-1%-metal film	59-12202002
R57	Resistor-R.03-3W-1%-WND-SIL	59-40330030
R58	Resistor-10k-0W4-1%-metal film	59-10105002
R59	Resistor-15R-0W40-1%-metal film	59-10152002
R60	Resistor-470R-0W4-1%-metal film	59-14702002
R61	Resistor-10k-0W4-1%-metal film	59-10105002
R62	Resistor-10k-0W4-1%-metal film	59-10105002
R63	Resistor-10k-0W4-1%-metal film	59-10105002
R64	Resistor-10k-0W4-1%-metal film	59-10105002
R66	Resistor-1k-0W4-1%-metal film	59-10015002
R68	Resistor-4k7-0W4-1%-metal film	59-10474002
R69	Resistor-1k-0W4-1%-metal film	59-10015002
R70	Resistor-18k-0W4-1%-metal film	59-10185002
R71	Resistor-10k-0W4-1%-metal film	59-10105002
R72	Resistor-47k-0W4-1%-metal film	59-10475002
R73	Resistor-47k-0W4-1%-metal film	59-10475002
R74	Resistor-10k-0W4-1%-metal film	59-10105002
R75	Resistor-10k-0W4-1%-metal film	59-10105002
R76	Resistor-47k-0W4-1%-metal film	59-10475002
R77	Resistor-47k-0W4-1%-metal film	59-10475002
R78	Resistor-33R-0W4-1%-metal film	59-10332002
R79	Resistor-1k8-0W4-1%-metal film	59-10184002
R80	Resistor-10k-0W4-1%-metal film	59-10105002
R81	Resistor-10k-0W4-1%-metal film	59-10105002
R82	Resistor-100k-0W4-1%-metal film	59-11005002
R83	Resistor-3k9-0W4-1%-metal film	59-10394002
R84	Resistor-470k-0W4-1%-metal film	59-14705002
RV1	Potentiometer-PCB-LN-CRMT-10k-horizontal	53-51004205

CAPACITORS

C2	Ceramic-10nF-63V-MN-PLT	14-03104201
C4	Ceramic-10nF-63V-MN-PLT	14-03104201
C5	Ceramic-10nF-63V-MN-PLT	14-03104201
C7	Ceramic-10nF-63V-MN-PLT	14-03104201
C9	Ceramic-10nF-63V-MN-PLT	14-03104201
C10	Ceramic-10nF-63V-MN-PLT	14-03104201
C12	Ceramic-10nF-63V-MN-PLT	14-03104201

Assembly: POWER REGULATOR ASSEMBLY
Part No: 68-30300004

Circuit Reference	Description	Part Number
C14	Ceramic-10nF-63V-MN-PLT	14-03104201
C15	Ceramic-10nF-63V-MN-PLT	14-03104201
C16	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C17	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C18	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C19	Ceramic-1nF-100V-MN-PLT	14-03103301
C20	Ceramic-1nF-100V-MN-PLT	14-03103301
C21	Ceramic-1nF-100V-MN-PLT	14-03103301
C22	Ceramic-1nF-100V-MN-PLT	14-03103301
C23	Electrolytic-100 μ F-40V	14-06108111
C24	Mixed-0.1 μ F-63V-PLYEST	14-21105200

SEMICONDUCTORS

D1	Diode 1N4148	61-00104148
D2	Diode Zener BZY88C3V0	61-00203005
D3	Diode 1N4148	61-00104148
D4	Diode Zener BZY88C3V0	61-00203005
D5	Diode 1N4148	61-00104148
D6	Diode Zener BZY88C3V0	61-00203005
D7	Diode 1N4148	61-00104148
D8	Diode Zener BZY88C3V0	61-00203005
D9	Diode 1N4148	61-00104148
D10	Diode Zener BZY88C3V0	61-00203005
D11	Diode 1N4148	61-00104148
D12	Diode Zener BZY88C3V0	61-00203005
D15	Diode 1N4004	61-00314004
D16	Diode BZX55C12	61-00212005
D17	Diode BZX55C12	61-00212005
D18	Diode BZX55C12	61-00212005
D19	Diode BZX55C12	61-00212005
IC1	IC-LM201AN-Op amp	61-12000201
IC2	IC-LM201AN-Op amp	61-12000201
IC3	IC-LM201AN-Op amp	61-12000201
IC4	IC-LM201AN-Op amp	61-12000201
IC5	IC-LM201AN-Op amp	61-12000201
IC6	IC-LM201AN-Op amp	61-12000201
IC7	Integrated circuit CA3130	61-12003130
IC8	Integrated circuit CA3130	61-12003130
IC9	Integrated circuit CA3130	61-12003130
IC10	Integrated circuit CA3240	61-12003240
IC11	Integrated circuit CA3240	61-12003240
IC12	Integrated circuit CA3240	61-12003240
IC13	IC-MC7812BT-ext-temp rng	61-12017812
IC14	IC-LM35DH-temperature sensor	61-12000035
TR1	Transistor BC182	61-04120182

Assembly: POWER REGULATOR ASSEMBLY
Part No: 68-30300004

Circuit Reference	Description	Part Number
TR2	Transistor BC182	61-04120182
TR3	Transistor BC182	61-04120182
TR4	Transistor BC182	61-04120182
TR5	Transistor BC182	61-04120182
TR6	Transistor BC182	61-04120182
TR7	Transistor BC182	61-04120182
TR8	Transistor BC182	61-04120182
TR9	Transistor BC182	61-04120182
TR10	Transistor BC182	61-04120182
TR11	Transistor BC182	61-04120182
TR12	Transistor BC182	61-04120182
TR13	Transistor BC182	61-04120182
TR14	Transistor BC182	61-04120182
TR15	Transistor BC182	61-04120182
TR16	Transistor BC182	61-04120182
TR17	Transistor BC182	61-04120182
TR18	Transistor BC182	61-04120182
TR19	Transistor VN10KM	61-08000010
TR20	FET-2SJ113 P chan power	61-08002113
TR21	FET-2SJ113 P chan power	61-08002113
TR22	FET-2SJ113 P chan power	61-08002113
TR23	FET-2SJ113 P chan power	61-08002113
TR24	FET-2SJ113 P chan power	61-08002113
TR25	FET-2SJ113 P chan power	61-08002113
TR26	Transistor VN10KM	61-08000010

CONNECTORS

CN1	Plug-10-PCMT-1A-S-NLIDC	20-10100301
CN2	Plug-01-PCMT-S-pin	20-01010303
CN3	Plug-01-PCMT-S-pin	20-01010303
CN4	Plug-01-PCMT-S-pin	20-01010303
CN5	Plug-01-PCMT-S-pin	20-01010303
CN6	Plug-09-PCMT-03A-S-DUBOX	20-01090301
CN7	Plug-01-PCMT-S-pin	20-01010303
CN8	Plug-03-PCMT-3A-S-pin	20-01030301
CN9	Plug-03-PCMT-3A-S-pin	20-01030301
CN10	Plug-03-PCMT-3A-S-pin	20-01030301
CN11	Plug-03-PCMT-3A-S-pin	20-01030301
CN12	Plug-03-PCMT-3A-S-pin	20-01030301
CN13	Plug-03-PCMT-3A-S-pin	20-01030301
CN14	Plug-03-PCMT-3A-S-pin	20-01030301
CN15	Plug-03-PCMT-3A-S-pin	20-01030301
CN8A	Socket-03-PCMT-3A-S-pin	20-02030301
CN9A	Socket-03-PCMT-3A-S-pin	20-02030301

Assembly: POWER REGULATOR ASSEMBLY
Part No: 68-30300004

Circuit Reference	Description	Part Number
CN10A	Socket-03-PCMT-3A-S-pin	20-02030301
CN11A	Socket-03-PCMT-3A-S-pin	20-02030301
CN12A	Socket-03-PCMT-3A-S-pin	20-02030301
CN13A	Socket-03-PCMT-3A-S-pin	20-02030301
CN14A	Socket-03-PCMT-3A-S-pin	20-02030301
CN15A	Socket-03-PCMT-3A-S-pin	20-02030301
METALWORK		
	Modulator block	45-00002718
MISCELLANEOUS		
L1	Choke-5 μ H-20%-tubular	79-01000034
	PCB test point terminal	02-12000001
PCB1	PCB-3000-power mod 1	55-00000272
PCB2	PCB-3000-power mod 2	55-00000273

8 RECEIVER

Assembly: RECEIVER RF MODULE

Part No: 68-30600006

Circuit Reference	Description	Part Number
RESISTORS		
R3	Resistor-680R-0W4-1%-metal film	59-16802002
R4	Resistor-680R-0W4-1%-metal film	59-16802002
R5	Resistor-680R-0W4-1%-metal film	59-16802002
R6	Resistor-680R-0W4-1%-metal film	59-16802002
R7	Resistor-680R-0W4-1%-metal film	59-16802002
R8	Resistor-680R-0W4-1%-metal film	59-16802002
R9	Resistor-680R-0W4-1%-metal film	59-16802002
R10	Resistor-680R-0W4-1%-metal film	59-16802002
R11	Resistor-680R-0W4-1%-metal film	59-16802002
R12	Resistor-680R-0W4-1%-metal film	59-16802002
R13	Resistor-680R-0W4-1%-metal film	59-16802002
R14	Resistor-680R-0W4-1%-metal film	59-16802002
R15	Resistor-680R-0W4-1%-metal film	59-16802002
R16	Resistor-680R-0W4-1%-metal film	59-16802002
R17	Resistor-680R-0W4-1%-metal film	59-16802002
R18	Resistor-680R-0W4-1%-metal film	59-16802002
R19	Resistor-680R-0W4-1%-metal film	59-16802002
R20	Resistor-680R-0W4-1%-metal film	59-16802002
R21	Resistor-680R-0W4-1%-metal film	59-16802002
R22	Resistor-680R-0W4-1%-metal film	59-16802002
R23	Resistor-680R-0W4-1%-metal film	59-16802002
R24	Resistor-680R-0W4-1%-metal film	59-16802002
R25	Resistor-680R-0W4-1%-metal film	59-16802002
R26	Resistor-680R-0W4-1%-metal film	59-16802002
R27	Resistor-680R-0W4-1%-metal film	59-16802002
R28	Resistor-680R-0W4-1%-metal film	59-16802002
R29	Resistor-680R-0W4-1%-metal film	59-16802002
R30	Resistor-680R-0W4-1%-metal film	59-16802002
R31	Resistor-680R-0W4-1%-metal film	59-16802002
R32	Resistor-680R-0W4-1%-metal film	59-16802002
R33	Resistor-680R-0W4-1%-metal film	59-16802002
R34	Resistor-680R-0W4-1%-metal film	59-16802002
R35	Resistor-680R-0W4-1%-metal film	59-16802002
R36	Resistor-680R-0W4-1%-metal film	59-16802002
R37	Resistor-680R-0W4-1%-metal film	59-16802002
R38	Resistor-680R-0W4-1%-metal film	59-16802002
R39	Resistor-1k-0W4-1%-metal film	59-10015002
R40	Resistor-470R-0W4-1%-metal film	59-14702002
R41	Resistor-10k-0W4-1%-metal film	59-10105002
R42	Resistor-150R-0W4-1%-metal film	59-11502002
R43	Resistor-150R-0W4-1%-metal film	59-11502002
R45	Resistor-100R-0W4-1%-metal film	59-11002002

Assembly: RECEIVER RF MODULE
Part No: 68-30600006

Circuit Reference	Description	Part Number
R46	Resistor-220R-0W4-1%-metal film	59-12202002
R47	Resistor-4k7-0W4-1%-metal film	59-10474002
R48	Resistor-2k7-0W4-1%-metal film	59-10274002
R49	Resistor-220R-0W4-1%-metal film	59-12202002
R50	Resistor-10k-0W4-1%-metal film	59-10105002
R51	Resistor-10k-0W4-1%-metal film	59-10105002
R52	Resistor-390R-0W4-1%-metal film	59-13902002
R53	Resistor-4k7-0W4-1%-metal film	59-10474002
R54	Resistor-1k8-0W4-1%-metal film	59-10184002
R56	Resistor-1k-0W4-1%-metal film	59-10015002
R57	Resistor-1k-0W4-1%-metal film	59-10015002
R58	Resistor-4k7-0W4-1%-metal film	59-10474002
R59	Resistor-5k6-0W4-1%-metal film	59-10564002
R60	Resistor-2k2-0W4-1%-metal film	59-10224002
R61	Resistor-1k2-0W4-1%-metal film	59-10124002
R64	Resistor-82R-0W4-1%-metal film	59-10822002
R65	Resistor-220k-0W4-1%-metal film	59-12205002
R66	Resistor-82k-0W4-1%-metal film	59-10825002
R67	Resistor-33R-0W4-1%-metal film	59-10332002
R68	Resistor-330k-0W4-1%-metal film	59-13305002
R69	Resistor-82k-0W4-1%-metal film	59-10825002
R81	Resistor-4k7-0W4-1%-metal film	59-10474002
R82	Resistor-1k8-0W4-1%-metal film	59-10184002
R83	Resistor-1k2-0W4-1%-metal film	59-10124002
R84	Resistor-4k7-0W4-1%-metal film	59-10474002
R85	Resistor-5k6-0W4-1%-metal film	59-10564002
R86	Resistor-2k2-0W4-1%-metal film	59-10224002
R87	Resistor-1k-0W4-1%-metal film	59-10015002
R88	Resistor-1k-0W4-1%-metal film	59-10015002
R90	Resistor-1k-0W4-1%-metal film	59-10015002
R91	Resistor-10k-0W4-1%-metal film	59-10105002
R92	Resistor-1k2-0W4-1%-metal film	59-10124002
R94	Resistor-680R-0W4-1%-metal film	59-16802002
R95	Resistor-10k-0W4-1%-metal film	59-10105002
R96	Resistor-5k6-0W4-1%-metal film	59-10564002
R97	Resistor-330R-0W4-1%-metal film	59-13302002
R98	Resistor-470R-0W4-1%-metal film	59-14702002
R99	Resistor-47k-0W4-1%-metal film	59-10475002
R100	Resistor-1k-0W4-1%-metal film	59-10015002
R101	Resistor-1k-0W4-1%-metal film	59-10015002
R102	Resistor-1k-0W4-1%-metal film	59-10015002
R103	Resistor-4k7-0W4-1%-metal film	59-10474002
R104	Resistor-1k5-0W4-1%-metal film	59-10154002
R105	Resistor-2k2-0W4-1%-metal film	59-10224002

Assembly: RECEIVER RF MODULE
Part No: 68-30600006

Circuit Reference	Description	Part Number
R106	Resistor-1k8-0W4-1%-metal film	59-10184002
R107	Resistor-1k5-0W4-1%-metal film	59-10154002
R108	Resistor-22k-0W4-1%-metal film	59-10225002
R109	Resistor-1k-0W4-1%-metal film	59-10015002
R110	Resistor-4k7-0W4-1%-metal film	59-10474002
R112	Resistor-10k-0W4-1%-metal film	59-10105002
R113	Resistor-10k-0W4-1%-metal film	59-10105002
R114	Resistor-270R-0W4-1%-metal film	59-12702002
R115	Resistor-18R-0W4-1%-metal film	59-10182002
R116	Resistor-270R-0W4-1%-metal film	59-12702002
R117	Resistor-4k7-0W4-1%-metal film	59-10474002
R118	Resistor-4k7-0W4-1%-metal film	59-10474002
R119	Resistor-47R-0W4-1%-metal film	59-10472002

CAPACITORS

C1	Ceramic-68pF-100V-MN-PLT	14-03681301
C2	Ceramic-100pF-100V-MN-PLT	14-03102301
C3	Ceramic-47pF-100V-MN-PLT	14-03471300
C4	Ceramic-22pF-100V-MN-PLT	14-03221301
C5	Ceramic-10nF-63V-MN-PLT	14-03104201
C6	Ceramic-1nF-100V-MN-PLT	14-03103301
C7	Ceramic-1nF-100V-MN-PLT	14-03103301
C8	Ceramic-1nF-100V-MN-PLT	14-03103301
C9	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C11	Ceramic-1nF-100V-MN-PLT	14-03103301
C12	Ceramic-1nF-100V-MN-PLT	14-03103301
C13	Ceramic-1nF-100V-MN-PLT	14-03103301
C14	Ceramic-1nF-100V-MN-PLT	14-03103301
C15	Ceramic-1nF-100V-MN-PLT	14-03103301
C16	Ceramic-1nF-100V-MN-PLT	14-03103301
C17	Ceramic-1nF-100V-MN-PLT	14-03103301
C18	Ceramic-1nF-100V-MN-PLT	14-03103301
C19	Ceramic-1nF-100V-MN-PLT	14-03103301
C20	Ceramic-1nF-100V-MN-PLT	14-03103301
C21	Ceramic-1nF-100V-MN-PLT	14-03103301
C22	Ceramic-1nF-100V-MN-PLT	14-03103301
C23	Ceramic-1nF-100V-MN-PLT	14-03103301
C24	Ceramic-1nF-100V-MN-PLT	14-03103301
C25	Ceramic-1nF-100V-MN-PLT	14-03103301
C26	Ceramic-1nF-100V-MN-PLT	14-03103301
C27	Ceramic-1nF-100V-MN-PLT	14-03103301
C28	Ceramic-1nF-100V-MN-PLT	14-03103301
C29	Ceramic-1nF-100V-MN-PLT	14-03103301
C30	Ceramic-1nF-100V-MN-PLT	14-03103301
C32	Ceramic-1nF-100V-MN-PLT	14-03103301

Assembly: RECEIVER RF MODULE
Part No: 68-30600006

Circuit Reference	Description	Part Number
C33	Ceramic-1nF-100V-MN-PLT	14-03103301
C34	Ceramic-2.7pF 100V-MN-PLT	14-03270301
C36	Ceramic-6.8pF-100V-MN-PLT	14-03680301
C38	Ceramic-6.8pF-100V-MN-PLT	14-03680301
C39	Ceramic-6.8pF-100V-MN-PLT	14-03680301
C40	Ceramic-6.8pF-100V-MN-PLT	14-03680301
C41	Ceramic-6.8pF-100V-MN-PLT	14-03680301
C42	Ceramic-6.8pF-100V-MN-PLT	14-03680301
C43	Ceramic-6.8pF-100V-MN-PLT	14-03680301
C44	Ceramic-4.7pF-100V-MN-PLT	14-03470301
C46	Ceramic-2.7pF 100V-MN-PLT	14-03270301
C48	Ceramic-4.7pF-50V-chip	14-03470200
C49	Ceramic-2.7pF 50V-chip	14-03270200
C50	Ceramic-6.8pF-50V-chip	14-03680200
C52	Ceramic-4.7pF-50V-chip	14-03470200
C53	Ceramic-2.7pF 50V-chip	14-03270200
C54	Ceramic-2.2pF-100V-MN-PLT	14-03220301
C55	Ceramic-6.8pF-50V-chip	14-03680200
C56	Ceramic-5.6pF-100V-MN-PLT	14-03560301
C57	Ceramic-5.6pF-50V-chip	14-03560200
C60	Ceramic-1.8pF-100V-MN-PLT	14-03180301
C61	Ceramic-2.2pF-100V-MN-PLT	14-03220301
C62	Ceramic-5.6pF-100V-MN-PLT	14-03560301
C63	Ceramic-1.8pF-100V-MN-PLT	14-03180301
C64	Ceramic-4.7pF-100V-MN-PLT	14-03470301
C65	Ceramic-10pF-100V-MN-PLT	14-03101301
C66	Ceramic-4.7pF-100V-MN-PLT	14-03470301
C67	Ceramic-10pF-100V-MN-PLT	14-03101301
C68	Ceramic-4.7pF-100V-MN-PLT	14-03470301
C69	Ceramic-10pF-100V-MN-PLT	14-03101301
C70	Ceramic-3.3pF-100V-MN-PLT	14-03330301
C71	Ceramic-1.8pF-100V-MN-PLT	14-03180301
C72	Ceramic-1.8pF-100V-MN-PLT	14-03180301
C73	Ceramic-2.2pF-100V-MN-PLT	14-03220301
C74	Ceramic-8.2pF-50V-chip	14-03820200
C76	Ceramic-6.8pF-50V-chip	14-03680200
C78	Ceramic-8.2pF-50V-chip	14-03820200
C80	Ceramic-4.7pF-100V-MN-PLT	14-03470301
C81	Ceramic-4.7pF-50V-chip	14-03470200
C82	Ceramic-6.8pF-100V-MN-PLT	14-03680301
C84	Ceramic-5.6pF-100V-MN-PLT	14-03560301
C86	Ceramic-4.7pF-100V-MN-PLT	14-03470301
C88	Ceramic-8.2pF-100V-MN-PLT	14-03820301
C90	Ceramic-15pF-100V-MN-PLT	14-03151301
C91	Ceramic-2.2pF-100V-MN-PLT	14-03220301

Assembly: RECEIVER RF MODULE
Part No: 68-30600006

Circuit Reference	Description	Part Number
C92	Ceramic-15pF-100V-MN-PLT	14-03151301
C93	Ceramic-2.2pF-100V-MN-PLT	14-03220301
C94	Ceramic-15pF-100V-MN-PLT	14-03151301
C95	Ceramic-2.2pF-100V-MN-PLT	14-03220301
C96	Ceramic-5.6pF-100V-MN-PLT	14-03560301
C98	Ceramic-4.7pF-100V-MN-PLT	14-03470301
C100	Ceramic-4.7pF-50V-chip	14-03470200
C101	Ceramic-4.7pF-50V-chip	14-03470200
C102	Ceramic-8.2pF-50V-chip	14-03820200
C104	Ceramic-4.7pF-50V-chip	14-03470200
C105	Ceramic-4.7pF-50V-chip	14-03470200
C106	Ceramic-6.8pF-50V-chip	14-03680200
C107	Ceramic-3.9pF-50V-chip	14-03390200
C108	Ceramic-4.7pF-50V-chip	14-03470200
C109	Ceramic-2.7pF 50V-chip	14-03270200
C110	Ceramic-2.7pF 100V-MN-PLT	14-03270301
C111	Ceramic-3.9pF-50V-chip	14-03390200
C112	Ceramic-4.7pF-100V-MN-PLT	14-03470301
C114	Ceramic-4.7pF-100V-MN-PLT	14-03470301
C115	Ceramic-4.7pF-100V-MN-PLT	14-03470301
C116	Ceramic-15pF-100V-MN-PLT	14-03151301
C117	Ceramic-4.7pF-100V-MN-PLT	14-03470301
C118	Ceramic-15pF-100V-MN-PLT	14-03151301
C119	Ceramic-4.7pF-100V-MN-PLT	14-03470301
C120	Ceramic-15pF-100V-MN-PLT	14-03151301
C121	Ceramic-4.7pF-100V-MN-PLT	14-03470301
C122	Ceramic-3.3pF-100V-MN-PLT	14-03330301
C123	Ceramic-2.7pF 100V-MN-PLT	14-03270301
C124	Ceramic-4.7pF-100V-MN-PLT	14-03470301
C126	Ceramic-3.9pF-50V-chip	14-03390200
C127	Ceramic-6.8pF-50V-chip	14-03680200
C128	Ceramic-6.8pF-50V-chip	14-03680200
C129	Ceramic-2.2pF-50V-chip	14-03220200
C130	Ceramic-3.9pF-50V-chip	14-03390200
C131	Ceramic-6.8pF-50V-chip	14-03680200
C132	Ceramic-8.2pF-50V-chip	14-03820200
C133	Ceramic-4.7pF-50V-chip	14-03470200
C134	Ceramic-4.7pF-50V-chip	14-03470200
C135	Ceramic-4.7pF-50V-chip	14-03470200
C136	Ceramic-6.8pF-50V-chip	14-03680200
C138	Ceramic-2.2pF-100V-MN-PLT	14-03220301
C139	Ceramic-3.9pF-100V-MN-PLT	14-03390301
C140	Ceramic-2.7pF 100V-MN-PLT	14-03270301
C141	Ceramic-8.2pF-100V-MN-PLT	14-03820301
C142	Ceramic-22pF-100V-MN-PLT	14-03221301
C144	Ceramic-22pF-100V-MN-PLT	14-03221301

Assembly: RECEIVER RF MODULE
Part No: 68-30600006

Circuit Reference	Description	Part Number
C146	Ceramic-22pF-100V-MN-PLT	14-03221301
C148	Ceramic-5.6pF-100V-MN-PLT	14-03560301
C149	Ceramic-1.8pF-100V-MN-PLT	14-03180301
C150	Ceramic-2.2pF-100V-MN-PLT	14-03220301
C151	Ceramic-3.9pF-100V-MN-PLT	14-03390301
C152	Ceramic-12pF-50V-chip	14-03121200
C154	Ceramic-10pF-50V-chip	14-03101200
C156	Ceramic-12pF-50V-chip	14-03121200
C158	Ceramic-6.8pF-50V-chip	14-03680200
C159	Ceramic-6.8pF-50V-chip	14-03680200
C160	Ceramic-4.7pF-50V-chip	14-03470200
C161	Ceramic-4.7pF-50V-chip	14-03470200
C162	Ceramic-3.9pF-50V-chip	14-03390200
C163	Ceramic-3.9pF-50V-chip	14-03390200
C164	Ceramic-4.7pF-100V-MN-PLT	14-03470301
C165	Ceramic-4.7pF-100V-MN-PLT	14-03470301
C166	Ceramic-8.2pF-100V-MN-PLT	14-03820301
C167	Ceramic-8.2pF-100V-MN-PLT	14-03820301
C168	Ceramic-15pF-100V-MN-PLT	14-03151301
C169	Ceramic-18pF-100V-MN-PLT	14-03181300
C170	Ceramic-15pF-100V-MN-PLT	14-03151301
C171	Ceramic-18pF-100V-MN-PLT	14-03181300
C172	Ceramic-15pF-100V-MN-PLT	14-03151301
C173	Ceramic-18pF-100V-MN-PLT	14-03181300
C174	Ceramic-5.6pF-100V-MN-PLT	14-03560301
C175	Ceramic-5.6pF-100V-MN-PLT	14-03560301
C176	Ceramic-4.7pF-100V-MN-PLT	14-03470301
C177	Ceramic-4.7pF-100V-MN-PLT	14-03470301
C178	Ceramic-15pF-100V-MN-PLT	14-03151301
C179	Ceramic-4.7pF-100V-MN-PLT	14-03470301
C180	Ceramic-8.2pF-100V-MN-PLT	14-03820301
C181	Ceramic-8.2pF-100V-MN-PLT	14-03820301
C182	Ceramic-15pF-100V-MN-PLT	14-03151301
C183	Ceramic-4.7pF-100V-MN-PLT	14-03470301
C184	Ceramic-22pF-100V-MN-PLT	14-03221301
C186	Ceramic-15pF-100V-MN-PLT	14-03151301
C188	Ceramic-10pF-100V-MN-PLT	14-03101301
C189	Ceramic-2.7pF 100V-MN-PLT	14-03270301
C190	Ceramic-5.6pF-100V-MN-PLT	14-03560301
C191	Ceramic-5.6pF-100V-MN-PLT	14-03560301
C192	Ceramic-8.2pF-100V-MN-PLT	14-03820301
C193	Ceramic-15pF-100V-MN-PLT	14-03151301
C194	Ceramic-39pF-100V-MN-PLT	14-03391330
C196	Ceramic-39pF-100V-MN-PLT	14-03391330
C198	Ceramic-39pF-100V-MN-PLT	14-03391330
C200	Ceramic-8.2pF-100V-MN-PLT	14-03820301

Assembly: RECEIVER RF MODULE
Part No: 68-30600006

Circuit Reference	Description	Part Number
C201	Ceramic-4.7pF-100V-MN-PLT	14-03470301
C202	Ceramic-5.6pF-100V-MN-PLT	14-03560301
C203	Ceramic-5.6pF-100V-MN-PLT	14-03560301
C204	Ceramic-15pF-100V-MN-PLT	14-03151301
C205	Ceramic-8.2pF-100V-MN-PLT	14-03820301
C206	Ceramic-10pF-100V-MN-PLT	14-03101301
C207	Ceramic-10pF-100V-MN-PLT	14-03101301
C208	Ceramic-15pF-100V-MN-PLT	14-03151301
C209	Ceramic-8.2pF-100V-MN-PLT	14-03820301
C210	Ceramic-27pF-100V-MN-PLT	14-03271301
C212	Ceramic-18pF-100V-MN-PLT	14-03181300
C214	Ceramic-15pF-100V-MN-PLT	14-03151301
C216	Ceramic-6.8pF-100V-MN-PLT	14-03680301
C217	Ceramic-6.8pF-100V-MN-PLT	14-03680301
C218	Ceramic-8.2pF-100V-MN-PLT	14-03820301
C219	Ceramic-15pF-100V-MN-PLT	14-03151301
C220	Ceramic-47pF-100V-MN-PLT	14-03471300
C222	Ceramic-47pF-100V-MN-PLT	14-03471300
C224	Ceramic-47pF-100V-MN-PLT	14-03471300
C226	Ceramic-15pF-100V-MN-PLT	14-03151301
C228	Ceramic-6.8pF-100V-MN-PLT	14-03680301
C229	Ceramic-6.8pF-100V-MN-PLT	14-03680301
C230	Ceramic-15pF-100V-MN-PLT	14-03151301
C231	Ceramic-15pF-100V-MN-PLT	14-03151301
C232	Ceramic-22pF-100V-MN-PLT	14-03221301
C233	Ceramic-3.3pF-100V-MN-PLT	14-03330301
C234	Ceramic-15pF-100V-MN-PLT	14-03151301
C235	Ceramic-15pF-100V-MN-PLT	14-03151301
C236	Ceramic-12pF-100V-MN-PLT	14-03121301
C237	Ceramic-22pF-100V-MN-PLT	14-03221301
C238	Ceramic-1.8pF-100V-MN-PLT	14-03180301
C239	Ceramic-22pF-100V-MN-PLT	14-03221301
C240	Ceramic-4.7pF-100V-MN-PLT	14-03470301
C241	Ceramic-15pF-100V-MN-PLT	14-03151301
C242	Ceramic-1nF-100V-MN-PLT	14-03103301
C243	Ceramic-1nF-100V-MN-PLT	14-03103301
C244	Ceramic-1nF-100V-MN-PLT	14-03103301
C245	Ceramic-1nF-100V-MN-PLT	14-03103301
C246	Ceramic-1nF-100V-MN-PLT	14-03103301
C247	Ceramic-1nF-100V-MN-PLT	14-03103301
C248	Ceramic-1nF-100V-MN-PLT	14-03103301
C249	Ceramic-1nF-100V-MN-PLT	14-03103301
C250	Ceramic-1nF-100V-MN-PLT	14-03103301
C251	Ceramic-1nF-100V-MN-PLT	14-03103301
C252	Ceramic-1nF-100V-MN-PLT	14-03103301
C253	Ceramic-1nF-100V-MN-PLT	14-03103301

Assembly: RECEIVER RF MODULE
Part No: 68-30600006

Circuit Reference	Description	Part Number
C254	Ceramic-1nF-100V-MN-PLT	14-03103301
C255	Ceramic-1nF-100V-MN-PLT	14-03103301
C256	Ceramic-1nF-100V-MN-PLT	14-03103301
C257	Ceramic-1nF-100V-MN-PLT	14-03103301
C258	Ceramic-1nF-100V-MN-PLT	14-03103301
C259	Ceramic-1nF-100V-MN-PLT	14-03103301
C260	Ceramic-1nF-100V-MN-PLT	14-03103301
C261	Ceramic-1nF-100V-MN-PLT	14-03103301
C262	Ceramic-1nF-100V-MN-PLT	14-03103301
C263	Ceramic-1nF-100V-MN-PLT	14-03103301
C264	Ceramic-1nF-100V-MN-PLT	14-03103301
C265	Ceramic-1nF-100V-MN-PLT	14-03103301
C266	Ceramic-1nF-100V-MN-PLT	14-03103301
C267	Ceramic-1nF-100V-MN-PLT	14-03103301
C268	Ceramic-1nF-100V-MN-PLT	14-03103301
C271	Ceramic-1nF-100V-MN-PLT	14-03103301
C272	Ceramic-27pF-100V-MN-PLT	14-03271301
C273	Ceramic-1nF-100V-MN-PLT	14-03103301
C274	Ceramic-10nF-63V-MN-PLT	14-03104201
C275	Ceramic-470pF-100V-MN-PLT	14-03472300
C276	Ceramic-1nF-100V-MN-PLT	14-03103301
C277	Ceramic-1nF-100V-MN-PLT	14-03103301
C278	Ceramic-1nF-100V-MN-PLT	14-03103301
C279	Ceramic-1nF-100V-MN-PLT	14-03103301
C280	Ceramic-1nF-100V-MN-PLT	14-03103301
C281	Ceramic-1nF-100V-MN-PLT	14-03103301
C282	Ceramic-1nF-100V-MN-PLT	14-03103301
C283	Ceramic-1nF-100V-MN-PLT	14-03103301
C284	Ceramic-10nF-63V-MN-PLT	14-03104201
C285	Ceramic-10nF-63V-MN-PLT	14-03104201
C286	Ceramic-1nF-100V-MN-PLT	14-03103301
C287	Ceramic-1nF-100V-MN-PLT	14-03103301
C288	Tantalum-1 μ F-35V	14-36106100
C289	Ceramic-1nF-100V-MN-PLT	14-03103301
C290	Ceramic-1nF-100V-MN-PLT	14-03103301
C291	Ceramic-1nF-100V-MN-PLT	14-03103301
C292	Ceramic-22pF-100V-MN-PLT	14-03221301
C294	Ceramic-4.7pF-100V-MN-PLT	14-03470301
C296	Ceramic-6.8pF-100V-MN-PLT	14-03680301
C300	Ceramic-1nF-100V-MN-PLT	14-03103301
C301	Ceramic-470pF-50V-chip	14-03472302
C302	Ceramic-470pF-100V-MN-PLT	14-03472300
C303	Ceramic-470pF-100V-MN-PLT	14-03472300
C306	Ceramic-1nF-100V-MN-PLT	14-03103301
C311	Ceramic-1nF-100V-MN-PLT	14-03103301
C312	Ceramic-470pF-100V-MN-PLT	14-03472300

Assembly: RECEIVER RF MODULE
Part No: 68-30600006

Circuit Reference	Description	Part Number
C313	Ceramic-470pF-100V-MN-PLT	14-03472300
C314	Ceramic-1nF-100V-MN-PLT	14-03103301
C315	Ceramic-470pF-50V-chip	14-03472302
C316	Tantalum-2.2 μ F-35V	14-36226101
C317	Ceramic-1nF-100V-MN-PLT	14-03103301
C318	Ceramic-1nF-100V-MN-PLT	14-03103301
C319	Ceramic-1nF-100V-MN-PLT	14-03103301
C320	Ceramic-1nF-100V-MN-PLT	14-03103301
C321	Ceramic-1nF-100V-MN-PLT	14-03103301
C322	Ceramic-1nF-100V-MN-PLT	14-03103301
C323	Ceramic-10nF-63V-MN-PLT	14-03104201
C324	Ceramic-1nF-100V-MN-PLT	14-03103301
C325	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C326	Ceramic-1nF-100V-MN-PLT	14-03103301
C328	Ceramic-1nF-100V-MN-PLT	14-03103301
C329	Ceramic-1nF-100V-MN-PLT	14-03103301
C330	Ceramic-1nF-100V-MN-PLT	14-03103301
C336	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C337	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C338	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C339	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C352	Ceramic-1nF-100V-MN-PLT	14-03103301
C353	Ceramic-470pF-50V-chip	14-03472302
C354	Ceramic-470pF-50V-chip	14-03472302
C355	Ceramic-470pF-50V-chip	14-03472302
C356	Ceramic-470pF-50V-chip	14-03472302
C357	Ceramic-470pF-50V-chip	14-03472302
C358	Ceramic-470pF-50V-chip	14-03472302
C359	Ceramic-470pF-50V-chip	14-03472302
C360	Ceramic-470pF-50V-chip	14-03472302
C361	Ceramic-470pF-50V-chip	14-03472302
C362	Ceramic-470pF-50V-chip	14-03472302
C363	Ceramic-470pF-50V-chip	14-03472302
C364	Ceramic-470pF-50V-chip	14-03472302
C365	Ceramic-470pF-50V-chip	14-03472302
C366	Ceramic-470pF-50V-chip	14-03472302
C367	Ceramic-470pF-50V-chip	14-03472302
C368	Ceramic-470pF-50V-chip	14-03472302
C369	Ceramic-470pF-50V-chip	14-03472302
C370	Ceramic-470pF-50V-chip	14-03472302
C371	Ceramic-470pF-50V-chip	14-03472302
C372	Ceramic-470pF-50V--chip	14-03472302
C373	Ceramic-470pF-50V-chip	14-03472302
C375	Ceramic-470pF-50V-chip	14-03472302
C376	Ceramic-470pF-50V-chip	14-03472302
C377	Ceramic-470pF-50V-chip	14-03472302

Assembly: RECEIVER RF MODULE
Part No: 68-30600006

Circuit Reference	Description	Part Number
C378	Ceramic-1nF-100V-MN-PLT	14-03103301
C379	Ceramic-470pF-50V-chip	14-03472302
C380	Ceramic-470pF-50V-chip	14-03472302
C381	Ceramic-1nF-100V-MN-PLT	14-03103301
C382	Ceramic-1nF-100V-MN-PLT	14-03103301
C383	Ceramic-1nF-100V-MN-PLT	14-03103301
C384	Ceramic-1nF-100V-MN-PLT	14-03103301
C385	Tantalum-1 μ F-35V	14-36106100
C386	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C387	Ceramic-5.6pF-100V-MN-PLT	14-03560301
C388	Ceramic-1000pF-50V-chip	14-03103201
C389	Ceramic-1000pF-50V-chip	14-03103201
C390	Ceramic-10nF-63V-MN-PLT	14-03104201
C391	Ceramic-6.8pF-50V-chip	14-03680200
C392	Ceramic-4.7pF-50V-chip	14-03470200
C394	Ceramic-4.7pF-50V-chip	14-03470200
TC1	Capacitor variable-8-10p-PTFE	15-33100300
TC2	Capacitor variable-1.8-10p-PTFE	15-33100300

SEMICONDUCTORS

D1	Pin Diode KS3542	61-00403542
D2	Pin Diode KS3542	61-00403542
D3	Pin Diode KS3542	61-00403542
D4	Pin Diode KS3542	61-00403542
D5	Pin Diode KS3542	61-00403542
D6	Pin Diode KS3542	61-00403542
D7	Pin Diode KS3542	61-00403542
D8	Pin Diode KS3542	61-00403542
D9	Pin Diode KS3542	61-00403542
D10	Pin Diode KS3542	61-00403542
D11	Pin Diode KS3542	61-00403542
D12	Pin Diode KS3542	61-00403542
D13	Pin Diode KS3542	61-00403542
D14	Pin Diode KS3542	61-00403542
D15	Pin Diode KS3542	61-00403542
D16	Pin Diode KS3542	61-00403542
D17	Pin Diode KS3542	61-00403542
D18	Pin Diode KS3542	61-00403542
D19	Pin Diode KS3542	61-00403542
D20	Pin Diode KS3542	61-00403542
D21	Pin Diode KS3542	61-00403542
D22	Pin Diode KS3542	61-00403542
D23	Pin Diode KS3542	61-00403542
D24	Pin Diode KS3542	61-00403542
D25	Pin Diode KS3542	61-00403542

Assembly: RECEIVER RF MODULE
Part No: 68-30600006

Circuit Reference	Description	Part Number
D26	Pin Diode KS3542	61-00403542
D27	Pin Diode KS3542	61-00403542
D28	Pin Diode KS3542	61-00403542
D29	Pin Diode KS3542	61-00403542
D30	Pin Diode KS3542	61-00403542
D31	Pin Diode KS3542	61-00403542
D32	Pin Diode KS3542	61-00403542
D33	Pin Diode KS3542	61-00403542
D34	Pin Diode KS3542	61-00403542
D35	Pin Diode KS3542	61-00403542
D36	Pin Diode KS3542	61-00403542
D37	Pin Diode KS3542	61-00403542
D38	Pin Diode KS3542	61-00403542
D39	Pin Diode KS3542	61-00403542
D40	Pin Diode KS3542	61-00403542
D41	Pin Diode KS3542	61-00403542
D42	Pin Diode KS3542	61-00403542
D43	Pin Diode KS3542	61-00403542
D44	Pin Diode KS3542	61-00403542
D45	Pin Diode KS3542	61-00403542
D46	Pin Diode KS3542	61-00403542
D47	Pin Diode KS3542	61-00403542
D48	Pin Diode KS3542	61-00403542
D49	Diode 1N4148	61-00104148
D50	Diode BA479	61-00400379
D51	Diode BA479	61-00400379
D52	Diode BA479	61-00400379
D53	Diode BA479	61-00400379
D54	Diode BA479	61-00400379
D55	Diode BA479	61-00400379
D56	Diode 1N4148	61-00104148
D57	Diode 5082-2835	61-00602835
D58	Diode BA479	61-00400379
D59	Diode BZY88C8V2	61-00208205
D60	Diode BA479	61-00400379
D61	Diode BA479	61-00400379
D62	Diode BA479	61-00400379
IC1	IC MAV-11 WB RF amp	61-12000011
IC2	IC MAV-11 WB RF amp	61-12000011
TR1	Transistor BC182	61-04120182
TR2	Transistor MRF581A NPN	61-04420581
TR3	FET-U310	61-08001310
TR5	Transistor BC182	61-04120182
TR7	Transistor BC182	61-04120182
TR8	Transistor BC182	61-04120182
TR9	Transistor BFR90	61-04420090

Assembly: RECEIVER RF MODULE
Part No: 68-30600006

Circuit Reference	Description	Part Number
TR10	Transistor J310	61-08000310
TR11	Transistor BC182	61-04120182
TR12	Transistor ZTX650	61-04220650
TR13	Transistor VN10KM	61-08000010
CONNECTORS		
CN1	Plug-60-PCMT-01A-A-41612	20-01640302
CN2	Plug-64-PCMT-01A-A-EDGE	20-01640300
	Cable-S rig-50 ohms-0.056	10-05112100
	Plug-PC-S-S-CONHEX	19-02050201
	Socket FR-S-RG316-A-D-41612	19-02060101
MISCELLANEOUS		
FL1		68-30000030
FL2		68-30000031
FL3	DC-Supply filter	27-40000202
FL4	DC-Supply filter	27-40000202
L5	Choke 10 μ H SC30	79-01000013
L6	Choke 10 μ H SC30	79-01000013
L7	Choke 10 μ H SC30	79-01000013
L8	Choke 10 μ H SC30	79-01000013
L9	Choke 10 μ H SC30	79-01000013
L10	Choke 10 μ H SC30	79-01000013
L11	Choke 10 μ H SC30	79-01000013
L12	Choke 10 μ H SC30	79-01000013
L13	Choke 10 μ H SC30	79-01000013
L14	Choke 10 μ H SC30	79-01000013
L15	Choke 10 μ H SC30	79-01000013
L16	Choke 10 μ H SC30	79-01000013
L17	Choke 10 μ H SC30	79-01000013
L18	Choke 10 μ H SC30	79-01000013
L19	Choke 10 μ H SC30	79-01000013
L20	Choke 10 μ H SC30	79-01000013
L21	Choke 10 μ H SC30	79-01000013
L22	Choke 10 μ H SC30	79-01000013
L23	20SWG silver plated 1.5T3.7	79-10000040
L24	20SWG silver plated 1.5T3.7	79-10000040
L25	20SWG silver plated 1.5T2.3	79-10000041
L26	22SWG EN.WIRE 3T3.2	79-10000042
L27	22SWG EN.WIRE 3T3.2	79-10000042
L28	22SWG EN.WIRE 3T3.2	79-10000042
L29	20SWG silver plated 2.5T2.9	79-10000043
L30	20SWG silver plated 2.5T3.2	79-10000044
L31	20SWG silver plated 2T3.2D	79-10000045

Assembly: RECEIVER RF MODULE
Part No: 68-30600006

Circuit Reference	Description	Part Number
L32	20SWG silver plated 1.5T3.7	79-10000040
L33	22SWG EN. WIRE 4T3.2	79-10000046
L34	22SWG EN. WIRE 3T3.7	79-10000047
L35	20SWG silver plated STAPLE	79-10000062
L36	22SWG EN. WIRE 5T3.2	79-10000048
L37	20SWG silver plated 2T3.7D	79-10000049
L38	20SWG silver plated 2T3.2D	79-10000045
L39	20SWG silver plated 1.5T2.9	79-10000051
L40	20SWG silver plated 3T3.2D	79-10000052
L41	22SWG EN. WIRE 3.5T3.2	79-10000053
L42	22SWG EN. WIRE 3.5T3.2	79-10000053
L43	20SWG silver plated 3T3.2D	79-10000052
L44	20SWG silver plated 2.5T3.2	79-10000044
L45	20SWG silver plated 2T3.2D	79-10000045
L46	20SWG silver plated 2T3.7D	79-10000049
L47	22SWG EN. WIRE 3.5T3.2	79-10000053
L48	22SWG EN. WIRE 3.5T3.2	79-10000053
L49	22SWG EN. WIRE 1T3.2	79-10000058
L50	Coil L 3.5T NO TAP FE green	79-09120030
L51	20SWG silver plated 2.5T3.2	79-10000044
L52	20SWG silver plated 2.5T3.2	79-10000044
L53	20SWG silver plated 1.5T3.2	79-10000055
L54	22SWG EN. WIRE 3T3.7	79-10000047
L55	22SWG EN. WIRE 3.5T3.2	79-10000053
L56	22SWG EN. WIRE 3.5T3.2	79-10000053
L57	20SWG silver plated 3T3.7D	79-10000056
L58	20SWG silver plated 2.5T3.7	79-10000057
L59	20SWG silver plated 2T3.7D	79-10000049
L60	20SWG silver plated 2.5T3.2	79-10000044
L61	Coil 2.5T NO TAP FE yellow	79-09120029
L62	Coil 2.5T NO TAP FE yellow	79-09120029
L63	22SWG EN. WIRE 2T3.2	79-10000070
L64	Coil 2.5T NO TAP FE yellow	79-09120029
L65	20SWG silver plated 3T3.2D	79-10000052
L66	20SWG silver plated 3T3.2D	79-10000052
L67	20SWG silver plated 2T3.2D	79-10000045
L68	22SWG EN. WIRE 3.5T3.2	79-10000053
L69	22SWG EN. WIRE 4T3.2	79-10000046
L70	22SWG EN. WIRE 4T3.2	79-10000046
L71	22SWG EN. WIRE 3T3.7	79-10000047
L72	22SWG EN. WIRE 3T3.7	79-10000047
L73	20SWG silver plated 3T3.2D	79-10000052
L74	20SWG silver plated 3T3.2D	79-10000052
L75	Coil 2.5T NO TAP FE yellow	79-09120029
L76	Coil 2.5T NO TAP FE yellow	79-09120029
L77	Coil 1.5T NO TAP FE white	79-09120028

Assembly: RECEIVER RF MODULE
Part No: 68-30600006

Circuit Reference	Description	Part Number
L78	Coil 2.5T NO TAP FE yellow	79-09120029
L79	20SWG silver plated 3T3.7D	79-10000056
L80	20SWG silver plated 3T3.7D	79-10000056
L81	20SWG silver plated 2T3.7D	79-10000049
L82	22SWG EN. WIRE 4T3.2	79-10000046
L83	22SWG EN. WIRE 4.5T3.2	79-10000059
L84	22SWG EN. WIRE 4.5T3.2	79-10000059
L85	22SWG EN. WIRE 3.5T3.2	79-10000053
L86	22SWG EN. WIRE 3T3.7	79-10000047
L87	20SWG silver plated 2.5T3.7	79-10000057
L88	20SWG silver plated 3T3.7D	79-10000056
L89	Coil 3.5T NO TAP FE green	79-09120030
L90	Coil 2.5T NO TAP FE yellow	79-09120029
L91	Coil 1.5T NO TAP FE white	79-09120028
L92	Coil 3.5T NO TAP FE green	79-09120030
L93	Coil 2.5T NO TAP FE yellow	79-09120029
L94	Coil 2.5T NO TAP FE yellow	79-09120029
L95	Coil 1.5T NO TAP FE white	79-09120028
L96	Coil 2.5T NO TAP FE yellow	79-09120029
L97	Coil 3.5T NO TAP FE green	79-09120030
L98	Coil 3.5T NO TAP FE green	79-09120030
L99	Coil 2.5T NO TAP FE yellow	79-09120029
L100	Coil 2.5T NO TAP FE yellow	79-09120029
L101	Coil 1.5T NO TAP FE white	79-09120028
L102	Coil 2.5T NO TAP FE yellow	79-09120029
L103	Coil 4.5T NO TAP FE red	79-09120031
L104	Coil 4.5T NO TAP FE red	79-09120031
L105	Coil 2.5T NO TAP FE yellow	79-09120029
L106	Coil 4.5T NO TAP FE red	79-09120031
L107	Coil 2.5T NO TAP FE yellow	79-09120029
L108	Coil 2.5T NO TAP FE yellow	79-09120029
L109	Coil 1.5T NO TAP FE white	79-09120028
L110	Coil 3.5T NO TAP FE green	79-09120030
L111	Coil 3.5T NO TAP FE green	79-09120030
L112	Coil 3.5T NO TAP FE green	79-09120030
L113	Coil 3.5T NO TAP FE green	79-09120030
L114	Coil 2.5T NO TAP FE yellow	79-09120029
L115	Coil 2.5T NO TAP FE yellow	79-09120029
L116	Coil 2.5T NO TAP FE yellow	79-09120029
L117	Coil 4.5T NO TAP FE red	79-09120031
L118	Coil 4.5T NO TAP FE red	79-09120031
L119	Coil 2.5T NO TAP FE yellow	79-09120029
L120	Coil 4.5T NO TAP FE red	79-09120031
L121	Coil 2.5T NO TAP FE yellow	79-09120029
L122	Coil 2.5T NO TAP FE yellow	79-09120029
L123	Coil 2.5T NO TAP FE yellow	79-09120029

Assembly: RECEIVER RF MODULE
Part No: 68-30600006

Circuit Reference	Description	Part Number
L124	Coil 3.5T NO TAP FE green	79-09120030
L125	Coil 3.5T NO TAP FE green	79-09120030
L126	Coil 3.5T NO TAP FE green	79-09120030
L127	Coil 3.5T NO TAP FE green	79-09120030
L128	Coil 3.5T NO TAP FE green	79-09120030
L129	Coil 2.5T NO TAP FE yellow	79-09120029
L130	Coil 2.5T NO TAP FE yellow	79-09120029
L131	Coil 5.5T NO TAP FE BLUE	79-09120023
L132	Coil 4.5T NO TAP FE red	79-09120031
L133	Coil 2.5T NO TAP FE yellow	79-09120029
L134	Coil 5.5T NO TAP FE BLUE	79-09120023
L135	Choke 10 μ H SC30	79-01000013
L136	Choke 10 μ H SC30	79-01000013
L137	Choke 10 μ H SC30	79-01000013
L138	Choke 10 μ H SC30	79-01000013
L139	Choke 10 μ H SC30	79-01000013
L140	Choke 10 μ H SC30	79-01000013
L141	Choke 10 μ H SC30	79-01000013
L142	Choke 10 μ H SC30	79-01000013
L143	Choke 10 μ H SC30	79-01000013
L144	Choke 10 μ H SC30	79-01000013
L145	Choke 10 μ H SC30	79-01000013
L146	Choke 10 μ H SC30	79-01000013
L147	Choke 10 μ H SC30	79-01000013
L148	Choke 10 μ H SC30	79-01000013
L149	Choke 10 μ H SC30	79-01000013
L150	Choke 10 μ H SC30	79-01000013
L151	Choke 10 μ H SC30	79-01000013
L152	Choke 10 μ H SC30	79-01000013
L153	Coil 6.5T NO TAP FE black	79-09120024
L154	Choke 10 μ H SC30	79-01000013
L155	Choke 10 μ H SC30	79-01000013
L156	Choke UH22 SC30	79-01000014
L157	Choke 10 μ H SC30	79-01000013
L158	Coil 6.5T NO TAP FE black	79-09120024
L160	22SWG EN. WIRE 1.5T3.2	79-10000058
L161	26SWG EN. WIRE 3.5T3.2	79-10000063
L162	26SWG EN. WIRE 3.5T3.2	79-10000063
L163	Choke 10 μ H SC30	79-01000013
L164	Choke 10 μ H SC30	79-01000013
L165	Choke 10 μ H SC30	79-01000013
L166	Choke 10 μ H SC30	79-01000013
L167	26SWG EN. WIRE 3.5T3.2	79-10000063
L168	Choke UH22 SC30	79-01000014
L173	Choke 10 μ H SC30	79-01000013
L174	Choke 10 μ H SC30	79-01000013

Assembly: RECEIVER RF MODULE
Part No: 68-30600006

Circuit Reference	Description	Part Number
L175	Choke 10 μ H SC30	79-01000013
L176	36 SWG 10.75T ON OILWELL	79-10000065
L177	Choke 10 μ H SC30	79-01000013
L178	Choke 10 μ H SC30	79-01000013
L179	Choke 10 μ H SC30	79-01000013
L180	Choke 10 μ H SC30	79-01000013
L181	Choke 10 μ H SC30	79-01000013
RLA	Relay use 57-11110154	57-11165154
RLB	Relay use 57-11110154	57-11165154
RLC	Relay use 57-11110154	57-11165154
T1	1590 FB AMP transformer	79-10000030
T2	1590 FB AMP transformer	79-10000030
XL1	XTAL-OVER-SER-34MHz	22-13210034
	RX RF-filter-screen-part-1	45-00027971
	RX RF-filter-screen-part-2	45-00027972
	RX RF-filter-screen-part-3	45-00027973
	RX RF-filter-screen-part-4	45-00027974
	RX RF-filter-screen-part-5	45-00027975
	RX RF module chassis	45-00002792
	RX filter lid	45-00002794
	Spacer HEX M/F BR M2.5 X 5-6 stud	36-05025056
	Spacer HEX F/F BR M2.5 X 13	36-06025130
	Washer spring MS M2.5	36-15125000
	Beryllium oxide insulator	62-03000042
	Coil can 73-019-93	79-06000005
	Coil can 10mm	79-06000007
	PCB-3060-RX RF	55-00000505
	PCB-RX-BITE Assembly	98-30600001
BM1	Mixer M9D	69-13000003
	RF-Gasket-3000-RX-Filter	02-28002799

Circuit Reference	Description	Part Number
RESISTORS		
R1	Resistor-10R-0W4-1%-metal film	59-10102002
R2	Resistor-1k-0W4-1%-metal film	59-10015002
R3	Resistor-4k7-0W4-1%-metal film	59-10474002
R4	Resistor-1k5-0W4-1%-metal film	59-10154002
R5	Resistor-1k-0W4-1%-metal film	59-10015002
R6	Resistor-1k-0W4-1%-metal film	59-10015002
R7	Resistor-1k-0W4-1%-metal film	59-10015002
R8	Resistor-1k-0W4-1%-metal film	59-10015002
R9	Resistor-1k-0W4-1%-metal film	59-10015002
R10	Resistor-1k-0W4-1%-metal film	59-10015002
R11	Resistor-1k-0W4-1%-metal film	59-10015002
R12	Resistor-1k-0W4-1%-metal film	59-10015002
R13	Resistor-10R-0W4-1%-metal film	59-10102002
R14	Resistor-4k7-0W4-1%-metal film	59-10474002
R19	Resistor-4k7-0W4-1%-metal film	59-10474002
R20	Resistor-4k7-0W4-1%-metal film	59-10474002
R21	Resistor-4k7-0W4-1%-metal film	59-10474002
R22	Resistor-10R-0W4-1%-metal film	59-10102002
R23	Resistor-10R-0W4-1%-metal film	59-10102002
R24	Resistor-10k-0W4-1%-metal film	59-10105002
R25	Resistor-1k-0W4-1%-metal film	59-10015002
RN1	Resistor-100k-1W50-2%-network	59-81005002
RN3	Resistor-10k-0W1-2%-network	59-80105001
RN4	Resistor-100k-0W1-2%-network	59-81005001
RN5	Resistor-10k-0W1-2%-network	59-80105001
CAPACITORS		
C1	Capacitor, ceramic-10nF-63V-MN-PLT	14-03104201
C2	Capacitor, ceramic-10nF-63V-MN-PLT	14-03104201
C3	Capacitor, ceramic-10nF-63V-MN-PLT	14-03104201
C4	Capacitor, tantalum-10μF-16V	14-36107100
C5	Capacitor, ceramic-10nF-63V-MN-PLT	14-03104201
C6	Capacitor, ceramic-10nF-63V-MN-PLT	14-03104201
C7	Capacitor, tantalum-10μF-16V	14-36107100
C8	Capacitor, ceramic-10nF-63V-MN-PLT	14-03104201
C9	Capacitor, ceramic-1nF-100V-MN-PLT	14-03103301
C10	Capacitor, ceramic-1nF-100V-MN-PLT	14-03103301
C11	Capacitor, ceramic-1nF-100V-MN-PLT	14-03103301
C12	Capacitor, ceramic-1nF-100V-MN-PLT	14-03103301
C13	Capacitor, ceramic-1 nF-100V-MN-PLT	14-03103301
C14	Capacitor, ceramic-1 nF-100V-MN-PLT	14-03103301
C15	Capacitor, ceramic-1 nF-100V-MN-PLT	14-03103301
C16	Capacitor, ceramic-10 nF-63V-MN-PLT	14-03104201

Assembly: RECEIVER RF MODULE-BIT
Part No: 98-30600001

Circuit Reference	Description	Part Number
C17	Capacitor, tantalum-10 μ F-16V	14-36107100
C101 to 108	Capacitor, ceramic-10 nF-50V-chip	14-03104202
C114	Capacitor, ceramic-10 nF-50V-chip	14-03104202
C117 to 139	Capacitor, ceramic-10 nF-50V-chip	14-03104202

SEMICONDUCTORS

D1	Diode BZX55C5V6	61-00205604
IC1	Integrated circuit-PCF8574P-I ² C I/O expander	61-12008574
IC2	Integrated circuit-74C906-non inverting buffer	61-12074906
IC3	Integrated circuit-PCF8574AP I ² C I/O expander	61-12108574
IC4	Integrated circuit 4051	61-12004051
IC5	Integrated circuit 4051	61-12004051
IC6	Integrated circuit-LM239	61-12000239
IC7	Integrated circuit-LM239	61-12000239
IC8	Integrated circuit-PCF8574AP I ² C I/O expander	61-12108574
TR1	Transistor ZTX 750	61-04210750
TR2	Transistor ZTX650	61-04220650
TR3	Transistor ZTX 750	61-04210750
TR4	Transistor ZTX650	61-04220650
TR5	Transistor ZTX 750	61-04210750
TR6	Transistor ZTX650	61-04220650
TR7	Transistor ZTX 750	61-04210750
TR8	Transistor ZTX650	61-04220650
TR9	Transistor ZTX 750	61-04210750
TR10	Transistor ZTX650	61-04220650
TR11	Transistor ZTX 750	61-04210750
TR12	Transistor ZTX650	61-04220650
TR13	Transistor ZTX 750	61-04210750
TR14	Transistor ZTX650	61-04220650
TR15	Transistor ZTX 750	61-04210750
TR16	Transistor ZTX650	61-04220650

MISCELLANEOUS

L1	Choke μ H22 SC30	79-01000014
	20-way flex jumper-2" long	10-13201220
	PCB-3060-RX RF BITE	55-00000504

Assembly: RECEIVER IF AND AUDIO MODULE
Part No: 68-30600031

Circuit Reference	Description	Part Number
RESISTORS		
R1	Resistor-18k-0W4-1%-metal film	59-10185002
R2	Resistor-10k-0W4-1%-metal film	59-10105002
R3	Resistor-39k-0W4-1%-metal film	59-10395002
R4	Resistor-100k-0W4-1%-metal film	59-11005002
R6	Resistor-39k-0W4-1%-metal film	59-10395002
R7	Resistor-100k-0W4-1%-metal film	59-11005002
R8	Resistor-100k-0W4-1%-metal film	59-11005002
R9	Resistor-100k-0W4-1%-metal film	59-11005002
R10	Resistor-10k-0W4-1%-metal film	59-10105002
R11	Resistor-270R-0W4-1%-metal film	59-12702002
R12	Resistor-270R-0W4-1%-metal film	59-12702002
R13	Resistor-100k-0W4-1%-metal film	59-11005002
R14	Resistor-10k-0W4-1%-metal film	59-10105002
R15	Resistor-470k-0W4-1%-metal film	59-14705002
R16	Resistor-10k-0W4-1%-metal film	59-10105002
R17	Resistor-10k-0W4-1%-metal film	59-10105002
R18	Resistor-47k-0W4-1%-metal film	59-10475002
R19	Resistor-10k-0W4-1%-metal film	59-10105002
R20	Resistor-4k7-0W4-1%-metal film	59-10474002
R21	Resistor-5k6-0W4-1%-metal film	59-10564002
R22	Resistor-22k-0W4-1%-metal film	59-10225002
R25	Resistor-10k-0W4-1%-metal film	59-10105002
R26	Resistor-10k-0W4-1%-metal film	59-10105002
R27	Resistor-470k-0W4-1%-metal film	59-14705002
R29	Resistor-2k2-0W4-1%-metal film	59-10224002
R30	Resistor-10k-0W4-1%-metal film	59-10105002
R31	Resistor-10k-0W4-1%-metal film	59-10105002
R32	Resistor-1k-0W4-1%-metal film	59-10015002
R33	Resistor-100R-0W4-1%-metal film	59-11002002
R34	Resistor-560R-0W4-1%-metal film	59-15602002
R35	Resistor-4k7-0W4-1%-metal film	59-10474002
R36	Resistor-4k7-0W4-1%-metal film	59-10474002
R39	Resistor-4k7-0W4-1%-metal film	59-10474002
R40	Resistor-4k7-0W4-1%-metal film	59-10474002
R41	Resistor-1k-0W4-1%-metal film	59-10015002
R42	Resistor-5k6-0W4-1%-metal film	59-10564002
R43	Resistor-10k-0W4-1%-metal film	59-10105002
R44	Resistor-10k-0W4-1%-metal film	59-10105002
R45	Resistor-680R-0W4-1%-metal film	59-16802002
R46	Resistor-33k-0W4-1%-metal film	59-10335002
R47	Resistor-82k-0W4-1%-metal film	59-10825002
R48	Resistor-33k-0W4-1%-metal film	59-10335002
R49	Resistor-33k-0W4-1%-metal film	59-10335002
R50	Resistor-33k-0W4-1%-metal film	59-10335002

Assembly: RECEIVER IF AND AUDIO MODULE
Part No: 68-30600031

Circuit Reference	Description	Part Number
R51	Resistor-100k-0W4-1%-metal film	59-11005002
R52	Resistor-100k-0W4-1%-metal film	59-11005002
R53	Resistor-100k-0W4-1%-metal film	59-11005002
R54	Resistor-100k-0W4-1%-metal film	59-11005002
R55	Resistor-100k-0W4-1%-metal film	59-11005002
R56	Resistor-47k-0W4-1%-metal film	59-10475002
R57	Resistor-3k3-0W4-1%-metal film	59-10334002
R58	Resistor-1k8-0W4-1%-metal film	59-10184002
R59	Resistor-100k-0W4-1%-metal film	59-11005002
R60	Resistor-1M-0W4-1-metal film	59-10018002
R61	Resistor-100R-0W4-1%-metal film	59-11002002
R62	Resistor-10k-0W4-1%-metal film	59-10105002
R63	Resistor-4k7-0W4-1%-metal film	59-10474002
R64	Resistor-47k-0W4-1%-metal film	59-10475002
R65	Resistor-10k-0W4-1%-metal film	59-10105002
R68	Resistor-10k-0W4-1%-metal film	59-10105002
R70	Resistor-3k3-0W4-1%-metal film	59-10334002
R71	Resistor-1k8-0W4-1%-metal film	59-10184002
R72	Resistor-33k-0W4-1%-metal film	59-10335002
R73	Resistor-10k-0W4-1%-metal film	59-10105002
R75	Resistor-22k-0W4-1%-metal film	59-10225002
R76	Resistor-1k2-0W4-1%-metal film	59-10124002
R77	Resistor-680R-0W4-1%-metal film	59-16802002
R78	Resistor-10k-0W4-1%-metal film	59-10105002
R79	Resistor-10k-0W4-1%-metal film	59-10105002
R80	Resistor-2k2-0W4-1%-metal film	59-10224002
R81	Resistor-120k-0W4-1%-metal film	59-11205002
R82	Resistor-2k2-0W4-1%-metal film	59-10224002
R83	Resistor-220k-0W4-1%-metal film	59-12205002
R84	Resistor-33k-0W4-1%-metal film	59-10335002
R85	Resistor-22k-0W4-1%-metal film	59-10225002
R88	Resistor-10k-0W4-1%-metal film	59-10105002
R89	Resistor-10k-0W4-1%-metal film	59-10105002
R90	Resistor-10k-0W4-1%-metal film	59-10105002
R91	Resistor-22k-0W4-1%-metal film	59-10225002
R92	Resistor-470k-0W4-1%-metal film	59-14705002
R93	Resistor-2k2-0W4-1%-metal film	59-10224002
R94	Resistor-10k-0W4-1%-metal film	59-10105002
R95	Resistor-51R-0W4-1%-metal film	59-10512002
R96	Resistor-22k-0W4-1%-metal film	59-10225002
R97	Resistor-10k-0W4-1%-metal film	59-10105002
R98	Resistor-22k-0W4-1%-metal film	59-10225002
R101	Resistor-10k-0W4-1%-metal film	59-10105002
R102	Resistor-1k-0W4-1%-metal film	59-10015002
R103	Resistor-3k3-0W4-1%-metal film	59-10334002
R104	Resistor-330R-0W4-1%-metal film	59-13302002

Assembly: RECEIVER IF AND AUDIO MODULE
Part No: 68-30600031

Circuit Reference	Description	Part Number
R106	Resistor-100k-0W4-1%-metal film	59-11005002
R107	Resistor-10k-0W4-1%-metal film	59-10105002
R108	Resistor-51R-0W4-1%-metal film	59-10512002
R110	Resistor-10k-0W4-1%-metal film	59-10105002
R111	Resistor-47k-0W4-1%-metal film	59-10475002
R112	Resistor-47k-0W4-1%-metal film	59-10475002
R113	Resistor-10k-0W4-1%-metal film	59-10105002
R114	Resistor-10k-0W4-1%-metal film	59-10105002
R115	Resistor-10k-0W4-1%-metal film	59-10105002
R116	Resistor-10k-0W4-1%-metal film	59-10105002
R118	Resistor-100R-0W4-1%-metal film	59-11002002
R119	Resistor-5k6-0W4-1%-metal film	59-10564002
R120	Resistor-3k3-0W4-1%-metal film	59-10334002
R121	Resistor-470R-0W4-1%-metal film	59-14702002
R123	Resistor-82R-0W4-1%-metal film	59-10822002
R124	Resistor-82R-0W4-1%-metal film	59-10822002
R125	Resistor-10k-0W4-1%-metal film	59-10105002
R126	Resistor-47k-0W4-1%-metal film	59-10475002
R127	Resistor-4k7-0W4-1%-metal film	59-10474002
R130	Resistor-82R-0W4-1%-metal film	59-10822002
R131	Resistor-100k-0W4-1%-metal film	59-11005002
R135	Resistor-10R-0W4-1%-metal film	59-10102002
R136	Resistor-10k-0W4-1%-metal film	59-10105002
R137	Resistor-10k-0W4-1%-metal film	59-10105002
R138	Resistor-10k-0W4-1%-metal film	59-10105002
R139	Resistor-100R-0W4-1%-metal film	59-11002002
R140	Resistor-100R-0W4-1%-metal film	59-11002002
R141	Resistor-22k-0W4-1%-metal film	59-10225002
R142	Resistor-10k-0W4-1%-metal film	59-10105002
R143	Resistor-4k7-0W4-1%-metal film	59-10474002
R144	Resistor-100R-0W4-1%-metal film	59-11002002
R145	Resistor-10k-0W4-1%-metal film	59-10105002
R146	Resistor-4k7-0W4-1%-metal film	59-10474002
R147	Resistor-220R-0W4-1%-metal film	59-12202002
R148	Resistor-100k-0W4-1%-metal film	59-11005002
R149	Resistor-100k-0W4-1%-metal film	59-11005002
R150	Resistor-10k-0W4-1%-metal film	59-10105002
R151	Resistor-220k-0W4-1%-metal film	59-12205002
R154	Resistor-56R-0W4-1%-metal film	59-10562002
R155	Resistor-100k-0W4-1%-metal film	59-11005002
R156	Resistor-27k-0W4-1%-metal film	59-10275002
R157	Resistor-10k-0W4-1%-metal film	59-10105002
R162	Resistor-82k-0W4-1%-metal film	59-10825002
R165	Resistor-10k-0W4-1%-metal film	59-10105002
R167	Resistor-10k-0W4-1%-metal film	59-10105002
R168	Resistor-10k-0W4-1%-metal film	59-10105002

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Circuit Reference	Description	Part Number
R169	Resistor-100R-0W4-1%-metal film	59-11002002
R170	Resistor-5k6-0W4-1%-metal film	59-10564002
R171	Resistor-2k7-0W4-1%-metal film	59-10274002
R172	Resistor-2k7-0W4-1%-metal film	59-10274002
R173	Resistor-39R-0W4-1%-metal film	59-10392002
R174	Resistor-150R-0W4-1%-metal film	59-11502002
R175	Resistor-150R-0W4-1%-metal film	59-11502002
R176	Resistor-1k-0W4-1%-metal film	59-10015002
R177	Resistor-51R-0W4-1%-metal film	59-10512002
R180	Resistor-4k7-0W4-1%-metal film	59-10474002
R181	Resistor-100k-0W4-1%-metal film	59-11005002
R182	Resistor-2k7-0W4-1%-metal film	59-10274002
R183	Resistor-1k-0W4-1%-metal film	59-10015002
R184	Resistor-1k-0W4-1%-metal film	59-10015002
R185	Resistor-1k2-0W4-1%-metal film	59-10124002
R186	Resistor-10k-0W4-1%-metal film	59-10105002
R187	Resistor-33k-0W4-1%-metal film	59-10335002
R188	Resistor-10k-0W4-1%-metal film	59-10105002
R189	Resistor-10k-0W4-1%-metal film	59-10105002
R193	Resistor-220R-0W4-1%-metal film	59-12202002
R194	Resistor-1k-0W4-1%-metal film	59-10015002
R195	Resistor-1k-0W4-1%-metal film	59-10015002
R196	Resistor-100R-0W4-1%-metal film	59-11002002
R198	Resistor-10k-0W4-1%-metal film	59-10105002
R200	Resistor-10k-0W4-1%-metal film	59-10105002
R201	Resistor-10k-0W4-1%-metal film	59-10105002
R202	Resistor-100k-0W4-1%-metal film	59-11005002
R203	Resistor-100k-0W4-1%-metal film	59-11005002
R204	Resistor-100k-0W4-1%-metal film	59-11005002
R205	Resistor-100k-0W4-1%-metal film	59-11005002
R213	Resistor-10k-0W4-1%-metal film	59-10105002
R214	Resistor-10k-0W4-1%-metal film	59-10105002
R217	Resistor-2M2-0W25-5%-metal film	59-10227003
R219	Resistor-47k-0W4-1%-metal film	59-10475002
R220	Resistor-4k7-0W4-1%-metal film	59-10474002
R221	Resistor-4k7-0W4-1%-metal film	59-10474002
R222	Resistor-4k7-0W4-1%-metal film	59-10474002
R223	Resistor-4k7-0W4-1%-metal film	59-10474002
R224	Resistor-4k7-0W4-1%-metal film	59-10474002
R225	Resistor-220R-0W4-1%-metal film	59-12202002
R226	Resistor-220R-0W4-1%-metal film	59-12202002
R230	Resistor-33k-0W4-1%-metal film	59-10335002
R232	Resistor-10k-0W4-1%-metal film	59-10105002
R235	Resistor-3k3-0W4-1%-metal film	59-10334002
R240	Resistor-10R-0W4-1%-metal film	59-10102002

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Circuit Reference	Description	Part Number
R241	Resistor-10R-0W4-1%-metal film	59-10102002
R244	Resistor-4k7-0W4-1%-metal film	59-10474002
R245	Resistor-4k7-0W4-1%-metal film	59-10474002
R246	Resistor-4k7-0W4-1%-metal film	59-10474002
R247	Resistor-10k-0W4-1%-metal film	59-10105002
R248	Resistor-10k-0W4-1%-metal film	59-10105002
R249	Resistor-10R-0W4-1%-metal film	59-10102002
R250	Resistor-10R-0W4-1%-metal film	59-10102002
R254	Resistor-10k-0W4-1%-metal film	59-10105002
R255	Resistor-1k8-0W4-1%-metal film	59-10184002
R256	Resistor-15k-0W4-1%-metal film	59-10155002
R257	Resistor-10k-0W4-1%-metal film	59-10105002
R258	Resistor-2k2-0W4-1%-metal film	59-10224002
R259	Resistor-18k-0W4-1%-metal film	59-10185002
R260	Resistor-10k-0W4-1%-metal film	59-10105002
R262	Resistor-2k7-0W4-1%-metal film	59-10274002
R263	Resistor-2k7-0W4-1%-metal film	59-10274002
R264	Resistor-2k7-0W4-1%-metal film	59-10274002
R265	Resistor-2k7-0W4-1%-metal film	59-10274002
R270	Resistor-2k7-0W4-1%-metal film	59-10274002
R273	Resistor-10k-0W4-1%-metal film	59-10105002
R274	Resistor-4k7-0W4-1%-metal film	59-10474002
R275	Resistor-220R-0W4-1%-metal film	59-12202002
R276	Resistor-220k-0W4-1%-metal film	59-12205002
R277	Resistor-220k-0W4-1%-metal film	59-12205002
R278	Resistor-820k-0W4-1%-metal film	59-18205002
R279	Resistor-270k-0W4-1%-metal film	59-12705002
R280	Resistor-560k-0W4-1%-metal film	59-15605002
R281	Resistor-27k-0W4-1%-metal film	59-10275002
R282	Resistor-10k-0W4-1%-metal film	59-10105002
R284	Resistor-220R-0W4-1%-metal film	59-12202002
R286	Resistor-100R-0W4-1%-metal film	59-11002002
R287	Resistor-330R-0W4-1%-metal film	59-13302002
R289	Resistor-10k-0W4-1%-metal film	59-10105002
R290	Resistor-10k-0W4-1%-metal film	59-10105002
R291	Resistor-10k-0W4-1%-metal film	59-10105002
R292	Resistor-10k-0W4-1%-metal film	59-10105002
R293	Resistor-27k-0W4-1%-metal film	59-10275002
R294	Resistor-10k-0W4-1%-metal film	59-10105002
R295	Resistor-100k-0W4-1%-metal film	59-11005002
R296	Resistor-270R-0W4-1%-metal film	59-12702002
R297	Resistor-22k-0W4-1%-metal film	59-10225002
R298	Resistor-330R-0W4-1%-metal film	59-13302002

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Circuit Reference	Description	Part Number
R299	Resistor-470k-0W4-1%-metal film	59-14705002
R300	Resistor-10R-0W4-1%-metal film	59-10102002
R301	Resistor-10k-0W4-1%-metal film	59-10105002
R302	Resistor-2k7-0W4-1%-metal film	59-10274002
R303	Resistor-10k-0W4-1%-metal film	59-10105002
R304	Resistor-3k3-0W4-1%-metal film	59-10334002
R305	Resistor-2k7-0W4-1%-metal film	59-10274002
R306	Resistor-220k-0W4-1%-metal film	59-12205002
RN1	Resistor-10k-0W1-2%-network	59-80105001
RV1	Potentiometer-PCB-LN-CRMT-100k-vertical	53-31004205
RV3	Potentiometer-PCB-LN-CRMT-10k-vertical	53-30104205
RV6	Potentiometer-PCB-LN-CRMT-100k-horizontal	53-51004205
RV7	Potentiometer-PCB-LN-CRMT-500k-vertical	53-35004205
RV8	Potentiometer-PCB-LN-CRMT-50k-horizontal	53-50504205
RV9	Potentiometer-PCB-LN-CRMT-50k-vertical	53-30504205
RV11	10k-vertical-multi-CERMET-PRES	53-80104205
RV13	10k-vertical-multi-CERMET-PRES	53-80104205

CAPACITORS

C2	Tantalum-22 μ F-16V	14-36227108
C3	Tantalum-22 μ F-16V	14-36227108
C7	Ceramic-330pF-100V-MN-PLT	14-03332300
C8	Ceramic-82pF-100V-MN-PLT	14-03821301
C11	Tantalum-2.2 μ F-35V	14-36226101
C13	Tantalum-10 μ F-16V	14-36107100
C14	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C15	Tantalum-2.2 μ F-35V	14-36226101
C16	Tantalum-2.2 μ F-35V	14-36226101
C17	Tantalum-2.2 μ F-35V	14-36226101
C18	Tantalum-2.2 μ F-35V	14-36226101
C19	Tantalum-2.2 μ F-35V	14-36226101
C20	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C21	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C22	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C23	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C24	Tantalum-10 μ F-16V	14-36107100
C25	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C26	Tantalum-10 μ F-16V	14-36107100
C29	Tantalum-2.2 μ F-35V	14-36226101
C31	Mixed-0.01 μ F-63V-PLYEST	14-21104302
C32	Mixed-0.01 μ F-63V-PLYEST	14-21104302
C33	Mixed-0.22 μ F-63V-PLYEST	14-21225200
C34	Tantalum-1 μ F-35V	14-36106100
C35	Ceramic-15pF-100V-MN-PLT	14-03151301
C37	Ceramic-10nF-63V-MN-PLT	14-03104201

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Circuit Reference	Description	Part Number
C39	Mixed-0.01 μ F-63V-PLYEST	14-21104302
C40	Mixed-0.01 μ F-63V-PLYEST	14-21104302
C41	Mixed-0.22 μ F-63V-PLYEST	14-21225200
C42	Ceramic-10nF-63V-MN-PLT	14-03104201
C43	Tantalum-2.2 μ F-35V	14-36226101
C44	Mixed-0.01 μ F-63V-PLYEST	14-21104302
C45	Mixed-47nF-63V-SB-MIN	14-21474200
C46	Polyprop-3N3-63V-5%	14-24333200
C47	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C48	Ceramic-470pF-100V-MN-PLT	14-03472300
C49	Ceramic 1nF-100V-MN-PLT	14-03103301
C51	Tantalum-47 μ F-16V	14-36477106
C50	Ceramic-10pF-100V-MN-PLT	14-03101301
C52	Ceramic-47pF-100V-MN-PLT	14-03471300
C54	Tantalum-2.2 μ F-35V	14-36226101
C55	Ceramic-10nF-63V-MN-PLT	14-03104201
C56	Ceramic-10nF-63V-MN-PLT	14-03104201
C57	Ceramic-10nF-63V-MN-PLT	14-03104201
C58	Ceramic-10nF-63V-MN-PLT	14-03104201
C59	Ceramic-10nF-63V-MN-PLT	14-03104201
C60	Ceramic-1.8pF-100V-MN-PLT	14-03180301
C61	Ceramic-10nF-63V-MN-PLT	14-03104201
C63	Ceramic-10nF-63V-MN-PLT	14-03104201
C64	Tantalum-2.2 μ F-35V	14-36226101
C65	Ceramic-1000pF-50V-chip	14-03103201
C66	Ceramic-1000pF-50V-chip	14-03103201
C74	Ceramic-10nF-63V-MN-PLT	14-03104201
C75	Ceramic-150pF-100V-MN-PLT	14-03152300
C78	Tantalum-2.2 μ F-35V	14-36226101
C79	Tantalum-2.2 μ F-35V	14-36226101
C83	Ceramic-10nF-63V-MN-PLT	14-03104201
C86	Ceramic-2.2pF-100V-MN-PLT	14-03220301
C87	Ceramic-12pF-100V-MN-PLT	14-03121301
C88	Ceramic-47pF-100V-MN-PLT	14-03471300
C89	Ceramic-1nF-100V-MN-PLT	14-03103301
C90	Ceramic-220pF-100V-MN-PLT	14-03222300
C91	Ceramic-470pF-100V-MN-PLT	14-03472300
C92	Ceramic-100pF-100V-MN-PLT	14-03102301
C93	Ceramic-20pF-100V-MN-PLT	14-03222300
C94	Ceramic-18pF-100V-MN-PLT	14-03181300
C95	Ceramic-18pF-100V-MN-PLT	14-03181300
C100	Ceramic-220pF-100V-MN-PLT	14-03222300
C101	Ceramic-18pF-100V-MN-PLT	14-03181300
C102	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C103	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C104	Ceramic-1nF-100V-MN-PLT	14-03103301

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Circuit Reference	Description	Part Number
C106	Ceramic-1nF-100V-MN-PLT	14-03103301
C107	Ceramic-10nF-63V-MN-PLT	14-03104201
C108	Ceramic-10nF-63V-MN-PLT	14-03104201
C109	Ceramic-1nF-100V-MN-PLT	14-03103301
C110	Ceramic-12pF-100V-MN-PLT	14-03121301
C111	Ceramic-1nF-100V-MN-PLT	14-03103301
C112	Ceramic-1nF-100V-MN-PLT	14-03103301
C113	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C114	Ceramic-1nF-100V-MN-PLT	14-03103301
C118	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C119	Tantalum-10 μ F-16V	14-36107100
C120	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C121	Tantalum-10 μ F-16V	14-36107100
C130	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C134	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C138	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C139	Ceramic-10nF-63V-MN-PLT	14-03104201
C141	Ceramic-10nF-63V-MN-PLT	14-03104201
C142	Ceramic-10nF-63V-MN-PLT	14-03104201
C143	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C146	Ceramic-4.7pF-100V-MN-PLT	14-03470301
C147	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C149	Ceramic-1nF-100V-MN-PLT	14-03103301
C150	Ceramic-1nF-100V-MN-PLT	14-03103301
C151	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C152	Ceramic-10nF-63V-MN-PLT	14-03104201
C153	Ceramic-1nF-100V-MN-PLT	14-03103301
C154	Ceramic-22pF-100V-MN-PLT	14-03221301
C155	Ceramic-3.3pF-100V-MN-PLT	14-03330301
C156	Ceramic-1nF-100V-MN-PLT	14-03103301
C157	Ceramic-10nF-63V-MN-PLT	14-03104201
C158	Ceramic-1nF-100V-MN-PLT	14-03103301
C159	Ceramic-1nF-100V-MN-PLT	14-03103301
C160	Ceramic-1nF-100V-MN-PLT	14-03103301
C161	Ceramic-1.8pF-100V-MN-PLT	14-03180301
C162	Ceramic-1nF-100V-MN-PLT	14-03103301
C163	Ceramic-2.2pF-100V-MN-PLT	14-03220301
C164	Ceramic-1nF-100V-MN-PLT	14-03103301
C165	Ceramic-10nF-63V-MN-PLT	14-03104201
C166	Ceramic-1nF-100V-MN-PLT	14-03103301
C167	Ceramic-18pF-100V-MN-PLT	14-03181300
C168	Ceramic-18pF-100V-MN-PLT	14-03181300
C169	Ceramic-4.7pF-100V-MN-PLT	14-03470301
C170	Ceramic-4.7pF-100V-MN-PLT	14-03470301
C171	Ceramic-10pF-100V-MN-PLT	14-03101301
C172	Ceramic-68pF-100V-MN-PLT	14-03681301

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Circuit Reference	Description	Part Number
C173	Ceramic-3.3pF-100V-MN-PLT	14-03330301
C174	Ceramic-39pF-100V-MN-PLT	14-03391330
C180	Ceramic-1nF-100V-MN-PLT	14-03103301
C181	Ceramic-1000pF-50V-chip	14-03103201
C182	Ceramic-1000pF-50V-chip	14-03103201
C189	Ceramic-1nF-100V-MN-PLT	14-03103301
C190	Ceramic-1nF-100V-MN-PLT	14-03103301
C195	Ceramic-39pF-100V-MN-PLT	14-03391330
C196	Ceramic-3.3pF-100V-MN-PLT	14-03330301
C197	Ceramic-47pF-100V-MN-PLT	14-03471300
C198	Tantalum-22 μ F-16V	14-36227108
C199	Ceramic-10pF-100V-MN-PLT	14-03101301
C200	Ceramic-33pF-100V-MN-PLT	14-03331301
C201	Ceramic-12pF-100V-MN-PLT	14-03121301
C202	Ceramic-47pF-100V-MN-PLT	14-03471300
C203	Ceramic-10pF-100V-MN-PLT	14-03101301
C204	Ceramic-1.8pF-100V-MN-PLT	14-03180301
C205	Ceramic-47pF-100V-MN-PLT	14-03471300
C206	Ceramic-10pF-100V-MN-PLT	14-03101301
C218	Ceramic-5pF-100V-MN-PLT	14-03151301
C220	Ceramic-4.7nF-100V-MN-PLT	14-03473200
C221	Mixed-0.01 μ F-63V-PLYEST	14-21104302
C222	Ceramic-1nF-100V-MN-PLT	14-03103301
C223	Ceramic-1nF-100V-MN-PLT	14-03103301
C230	Ceramic-12pF-100V-MN-PLT	14-03121301
C231	Ceramic-18pF-100V-MN-PLT	14-03181300
C232	Ceramic-12pF-100V-MN-PLT	14-03121301
C233	Ceramic-1.8pF-100V-MN-PLT	14-03180301
C234	Ceramic-2.7pF 100V-MN-PLT	14-03270301
C235	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C236	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C237	Plastic-1UF-63V-10%-MKS2	14-21106200
C238	Tantalum-47 μ F-16V	14-36477106
C240	Ceramic-10nF-63V-MN-PLT	14-03104201
C241	Plastic-1 μ F-63V-10%-MKS2	14-21106200
C242	Ceramic-1nF-100V-MN-PLT	14-03103301
C243	Ceramic-1nF-100V-MN-PLT	14-03103301
C246	Electrolytic-100 μ F-25	14-06108100
C247	Electrolytic-100 μ F-25	14-06108100
C248	Electrolytic-1000 μ F-25V-vertical	14-06109102
C249	Plastic-1 μ F-63V-10%-MKS2	14-21106200
C250	Tantalum-47 μ F-16V	14-36477106
C251	Ceramic-1nF-100V-MN-PLT	14-03103301
C252	Tantalum-47 μ F-16V	14-36477106
C253	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C254	Tantalum-10 μ F-16V	14-36107100

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Circuit Reference	Description	Part Number
C255	Tantalum-2.2 μ F-35V	14-36226101
C257	Tantalum-22 μ F-16V	14-36227108
C258	Ceramic-1nF-100V-MN-PLT	14-03103301
C259	Ceramic-1nF-100V-MN-PLT	14-03103301

SEMICONDUCTORS

D1	Diode 1N4148	61-00104148
D2	Diode 1N4148	61-00104148
D3	Diode 1N4148	61-00104148
D4	Diode 1N4148	61-00104148
D5	Diode 1N4148	61-00104148
D8	Diode 1N4148	61-00104148
D9	Diode 1N4148	61-00104148
D10	Diode 1N4148	61-00104148
D11	Diode 5082-2835	61-00602835
D12	Diode BZX55C2V7	61-00202705
D14	Diode-surge suppress 2010	61-16002010
D15	Diode-surge suppress 2010	61-16002010
D17	Diode BZX55C6V2	61-00206205
D18	Diode 1N4148	61-00104148
D19	Diode 1N4148	61-00104148
D20	Diode BZX85 zener 8V2 1.3W	61D00208213
D22	Diode 1N4148	61-00104148
D24	Diode 1N4148	61-00104148
D25	Diode 1N4148	61-00104148
D26	Diode 1N4148	61-00104148
D27	Diode 5082-2835	61-00602835
D28	Diode BA479	61-00400379
D29	Diode BA479	61-00400379
D30	Diode BA479	61-00400379
D31	Diode BA479	61-00400379
D32	Pin Diode KS3542	61-00403542
D33	Pin Diode KS3542	61-00403542
D34	Pin Diode KS3542	61-00403542
D35	Pin Diode KS3542	61-00403542
D38	Diode 1N4148	61-00104148
D39	Diode 1N4148	61-00104148
D40	Diode 1N4148	61-00104148
D41	Diode 1N4148	61-00104148
D42	Diode 1N4148	61-00104148
D43	Diode 1N4148	61-00104148
D44	Diode 1N4148	61-00104148
D45	Diode 1N4148	61-00104148
IC1	IC-SL6700C IF amp and AM detector	61-12006700
IC2	IC-SA614AN FM IF system	61F12000614

Assembly: RECEIVER IF AND AUDIO MODULE
Part No: 68-30600031

Circuit Reference	Description	Part Number
IC3	Integrated circuit CA3240	61-12003240
IC4	IC-PCF8574P-I ² C I/O expander	61-12008574
IC5	IC-PCF8574AP I ² C I/O expander	61-12108574
IC6	IC-PCF8574AP I ² C I/O expander	61-12108574
IC7	Integrated circuit 4053	61-12004053
IC8	IC MAV-11 WB RF amp	61-12000011
IC9	IC MAV-11 WB RF amp	61-12000011
IC10	Integrated circuit 4066	61-12004066
IC11	Integrated circuit 4066	61-12004066
IC12	SSM-2142P balanced line driver	61-12002142
IC14	Integrated circuit CA1558E	61-12001558
IC16	Integrated circuit CA1558E	61-12001558
IC17	Integrated circuit CA3240	61-12003240
IC18	Integrated circuit CA3240	61-12003240
IC19	Integrated circuit CA1558E	61-12001558
IC20	Integrated circuit CA3240	61-12003240
IC21	Integrated circuit CA3240	61-12003240
IC22	IC-74HCT4051-analog MUX/DEMUX	61-12104051
IC24	IC-CA3049T-dual-dif-amp	61-12003049
IC26	Integrated circuit 4053	61-12004053
IC27	Integrated circuit CA3240	61-12003240
IC29	Integrated circuit CA3240	61-12003240
IC30	IC MAV-11 WB RF amp	61-12000011
IC31	Integrated circuit CA1558E	61-12001558
IC33	Integrated circuit CA3240	61-12003240
IC34	Integrated circuit CA3240	61-12003240
IC35	Integrated circuit CA3240	61-12003240
IC36	Integrated circuit CA1558E	61-12001558
IC37	Integrated circuit CA3240	61-12003240
IC38	Integrated circuit CA3240	61-12003240
IC39	Integrated circuit CA3240	61-12003240
IC40	Integrated circuit 4053	61-12004053
TR2	Transistor BC182	61-04120182
TR3	Transistor J175	61-08000175
TR4	Transistor BC182	61-04120182
TR5	Transistor BC182	61-04120182
TR6	Transistor BC182	61-04120182
TR7	Transistor BC182	61-04120182
TR8	Transistor VN10KM	61-08000010
TR9	Transistor BC182	61-04120182
TR10	Transistor BC182	61-04120182
TR11	FET-BF964 N-chan D-gate-VHF	61-08000964
TR12	Transistor BC182	61-04120182
TR13	Transistor VN10KM	61-08000010
TR14	Transistor BC182	61-04120182
TR15	Transistor BC182	61-04120182

Assembly: RECEIVER IF AND AUDIO MODULE
Part No: 68-30600031

Circuit Reference	Description	Part Number
TR16	Transistor BC182	61-04120182
TR18	Transistor BC182	61-04120182
TR19	Transistor ZTX 750	61-04210750
TR20	Transistor ZTX 750	61-04210750
TR21	Transistor VN10KM	61-08000010
CONNECTORS		
	Plug-60-PCMT-01A-A-41612	20-01600300
	Plug-64-PCMT-01A-A-EDGE	20-01640300
	Socket-PC-S-A-D-41612	19-02060200
	Plug-03-PCMT-ERG-MIN	20-01030302
	Jumper-02-way	20-02020101
METALWORK		
	Screen (4.5 X 2.7) top	45-00027961
	Screen (4.5 X 2.7) bottom	45-00027962
	5000 Rx IF and audio screen lid	45-00005784
	3060 Rx IF audio module chassis	45-00007789
MISCELLANEOUS		
	Potentiometer hole plug	02-02202590
	PCB testpoint terminal	02-12000001
	Fingerstock 97-500A	02-27232100
	5000 series IF lid gasket	02-28005785
	Spacer HEX M/F BR M2.5 X 5-6 stud	36-05025056
	Spacer HEX F/F BR M2.5 X 20	36-06025200
	Submin ferrite bead	79-08000009
	Coil can 10mm	79-06000007
	Coil can 73-019-93	79-06000005
	12 Pin T05 spreader pad	62-04000012
BM1	Mixer SRA-1MH	69-13000004
FL1	XTAL-10.7MH-25kHz-12kHz	27-30005083
FL2	10.7MHz xtal filter +/-37.5kHz	27-30005230
FL3	XTAL-10.7MH-8.3kHz channel S	27D30000663
FL4	Filter-CER-CFSE	27-27258000
FL5	Filter-CER-CFSE	27-27258000
FL6	DC-supply filter	27-40000202
FL7	DC-supply filter	27-40000202
L1	Inductor PC MTG 56 μ H	79-01000026
L2	Choke 7mH	79-01000012
L3	Inductor PC MTG 56 μ H	79-01000026
L5	Choke μ H22 SC30	79-01000014

Assembly: RECEIVER IF AND AUDIO MODULE
Part No: 68-30600031

Circuit Reference	Description	Part Number
L6	Choke 10 μ H SC30	79-01000013
L7	IF transformer KACSK586HM	79-02000008
L8	Coil VHF 1.5T NO TAP FER	79-09120025
L9	Coil HF 9.5T NO TAP FER	79-09120036
L10	Choke 2 μ H2 SC30	79-01000004
L11	Choke-560nH-10%-tubular	79-01000035
L12	Choke 10 μ H SC30	79-01000013
L16	Choke μ H22 SC30	79-01000014
L22	Choke 10 μ H SC30	79-01000013
L23	Choke 10 μ H SC30	79-01000013
L24	Coil VHF 2.5T NO TAP FER	79-09120021
L25	Coil VHF 2.5T NO TAP FER	79-09120021
L26	Choke 10 μ H SC30	79-01000013
L27	Choke 10 μ H SC30	79-01000013
L28	Choke 10 μ H SC30	79-01000013
L29	Coil VHF 4.5T NO TAP FER	79-09120026
L30	Coil VHF 4.5T NO TAP FER	79-09120026
L32	Choke 10 μ H SC30	79-01000013
L34	Choke 10 μ H SC30	79-01000013
L35	Choke 10 μ H SC30	79-01000013
L36	Choke 10 μ H SC30	79-01000013
L37	Choke 10 μ H SC30	79-01000013
L39	Coil 6.5T NO TAP FE black	79-09120024
L42	Coil 3.5T NO TAP FE green	79-09120030
L43	Coil 3.5T NO TAP FE green	79-09120030
L44	Coil 1.5T NO TAP FE white	79-09120028
L45	Coil 1.5T NO TAP FE white	79-09120028
L46	Choke 10 μ H SC30	79-01000013
L47	Choke 10 μ H SC30	79-01000013
L48	Choke 10 μ H SC30	79-01000013
PCB	PCB-3000D IF and audio 8.3/25kHz	55D00000615
RLA	Relay-coax-12V-10W-P-SPCO	57-11110154
RLB	Relay-coax-12V-10W-P-SPCO	57-11110154
RLC	Relay-coax-12V-10W-P-SPCO	57-11110154
RLD	Relay-coax-12V-10W-P-SPCO	57-11110154
T2	T9-1 broadband transformer	79-10000100
T5	IF coil KANK3335R	79-02000010
T12	32 SWG R/GR IN GOLD 1.75T	79-10000067
T13	32 SWG R/GR IN GOLD 1.75T	79-10000067
T14	VHF coil 301-SN-0200	79-09120014

9 SYNTHESISER

Assembly: SYNTHESISER

Part No: 68-30600032

Circuit Reference	Description	Part Number
METALWORK		
VCO box		45-00005322
VCO box lid		45-00005930
Synthesiser module chassis		45-00005933
PRINTED CIRCUIT BOARDS		
Synthesiser control		SS-30401002
Synthesiser VCO		SS-30401001
Synthesiser		SS-30401004

Assembly: SYNTHESISER CONTROL PCB
Part No: SS-30401002

Circuit Reference	Description	Part Number
RESISTORS		
R1	Resistor-47k-0W25-5%-1206-chip	59-90475002
R2	Resistor-47k-0W25-5%-1206-chip	59-90475002
R3	Resistor-120k-0W25-5%-1206-chip	59-90126002
R4	Resistor-10k-0W25-5%-1206-chip	59-90016002
R5	Resistor-150R-0W25-5%-1206-chip	59-90153002
R6	Resistor-680R-0W25-5%-1206-chip	59-90683002
R7	Resistor-47k-0W25-5%-1206-chip	59-90475002
R8	Resistor-33k-0W25-5%-1206-chip	59-90335002
R9	Resistor-33k-0W25-5%-1206-chip	59-90335002
R10	Resistor-8k2-0W25-5%-1206-chip	59-90824002
R11	Resistor-18k-0W25-5%-1206-chip	59-90185002
R12	Resistor-33k-0W25-5%-1206-chip	59-90335002
R13	Resistor-47k-0W25-5%-1206-chip	59-90475002
R14	Resistor-1k-0W25-5%-1206-chip	59-90015002
R15	Resistor-100k-0W25-5%-1206-chip	59-90017002
R16	Resistor-100k-0W25-5%-1206-chip	59-90017002
R17	Resistor-100k-0W25-5%-1206-chip	59-90017002
R18	Resistor-100k-0W25-5%-1206-chip	59-90017002
R19	Resistor-100k-0W25-5%-1206-chip	59-90017002
R20	Resistor-47k-0W25-5%-1206-chip	59-90475002
R21	Resistor-47k-0W25-5%-1206-chip	59-90475002
R22	Resistor-4k7-0W25-5%-1206-chip	59-90474002
R23	Resistor-47k-0W25-5%-1206-chip	59-90475002
R24	Resistor-1k5-0W25-5%-1206-chip	59-90154002
R25	Resistor-220R-0W25-5%-1206-chip	59-90223002
R26	Resistor-2M2-0W25-5%-1206-chip	59-90227002
R27	Resistor-2k2-0W25-5%-1206-chip	59-90224002
R28	Resistor-2k2-0W25-5%-1206-chip	59-90224002
R29	Resistor-2k2-0W25-5%-1206-chip	59-90224002
R30	Resistor-2k2-0W25-5%-1206-chip	59-90224002
R31	Resistor-47k-0W25-5%-1206-chip	59-90475002
R32	Resistor-47k-0W25-5%-1206-chip	59-90475002
R33	Resistor-47k-0W25-5%-1206-chip	59-90475002
R34	Resistor-47k-0W25-5%-1206-chip	59-90475002
R35	Resistor-47k-0W25-5%-1206-chip	59-90475002
R36	Resistor-220R-0W25-5%-1206-chip	59-90223002
R37	Resistor-47k-0W25-5%-1206-chip	59-90475002
R38	Resistor-47k-0W25-5%-1206-chip	59-90475002
R39	Resistor-47k-0W25-5%-1206-chip	59-90475002
R40	Resistor-47k-0W25-5%-1206-chip	59-90475002
R41	Resistor-4k7-0W25-5%-1206-chip	59-90474002
R42	Resistor-47k-0W25-5%-1206-chip	59-90475002
R43	Resistor-4k7-0W25-5%-1206-chip	59-90474002
R44	Resistor-4k7-0W25-5%-1206-chip	59-90474002

Assembly: SYNTHESISER CONTROL PCB
Part No: SS-30401002

Circuit Reference	Description	Part Number
R45	Resistor-47k-0W25-5%-1206-chip	59-90475002
R46	Resistor-47k-0W25-5%-1206-chip	59-90475002
R47	Resistor-20R-0W25-5%-1206-chip	59-90223002
R48	Resistor-200R-0W25-5%-1206-chip	59-90203002
R49	Resistor-1k8-0W25-5%-1206-chip	59-90184002
R52	Resistor-47k-0W25-5%-1206-chip	59-90475002
R53	Resistor-47k-0W25-5%-1206-chip	59-90475002
R54	Resistor-220R-0W25-5%-1206-chip	59-90223002
R70	Resistor-47k-0W25-5%-1206-chip	59-90475002
R71	Resistor-47k-0W25-5%-1206-chip	59-90475002
R72	Resistor-47k-0W25-5%-1206-chip	59-90475002
RP1	Resistor-47k-2W-bussed-network	59-90475001

CAPACITORS

C1	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C2	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C3	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C4	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C5	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C6	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C7	Electrolytic-10 μ F-50V-139-chip	14-06107202
C8	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C9	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C10	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C11	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C12	Electrolytic-2.2 μ F-10+50%-40V-chip	14-06226100
C13	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C14	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C15	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C16	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C17	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C19	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C20	Electrolytic-100 μ F-25	14-06108100
C21	Electrolytic-10 μ F-50V-139-chip	14-06107202
C22	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C25	Electrolytic-10 μ F 50V-139-chip	14-06107202
C26	Electrolytic-2.2 μ F-10+50%-40V-chip	14-06226100
C27	Ceramic-47pF-5%-50V-NPO-1206	14-03471201

SEMICONDUCTORS

D1	Diode-BZV55B4V7-zener-chip	61-20204705
D2	Diode-BYD77A-rectifier-chip	61-20310077
D3	Diode-BYD77A-rectifier-chip	61-20310077

Assembly: SYNTHESISER CONTROL PCB
Part No: SS-30401002

Circuit Reference	Description	Part Number
D4	Diode-BYD77A-rectifier-chip	61-20310077
D5	Diode-BYD77A-rectifier-chip	61-20310077
LED1	LED-red sum min PCBMT	61-00501800
LED2	LED-red sum min PCBMT	61-00501800
IC1	IC-SMT-74HCT541-octal buffer	61-13074541
IC2	IC-SMT-74HCT541-octal buffer	61-13074541
IC3	IC-PLCC-22V10-GAL plus software-issue 1	65-00000068
IC4	IC-SMT-PCD8584T-I ² C converter	61-13008584
IC5	IC-SMT-PCD8584T-I ² C converter	61-13008584
IC7	IC-SMT-74HCT541-octal buffer	61-13074541
IC8	IC-SMT-80C31-micro controller	61-13008031
IC10	IC-SMT-PCF8574AT-I ² C I/O	61-13108574
IC11	IC-SMT-74HCT573-octal latch	61-13174573
IC12	IC-SMT-4051-MUX	61-13004051
IC13	IC-SMT-MAX693-micro supervisor	61-13000693
IC14	IC-PLCC-22V10-GAL plus software-issue 1	65-00000069
IC15	IC-27F512 EPROM plus software	65-00000263
IC16	IC-SMT-32K X 8K SRAM	61-13043256
IC18	IC-SMT-MC74HC573ADW	61-13074573
IC19	IC-SMT-MC74HC573ADW	61-13074573
IC20	IC-SMT-ULN2003AD	61-13002003
IC21	IC-IP217T var-volt regulator	61-12000217
IC23	IC-IP217T var-volt regulator	61-12000217
TR1	FET VN10LF surface mount	61-28000010

CONNECTORS

SKT1	IC-socket-44-pin-PLCC	62-05044455
SKT2	IC-socket-SMD-32-pin-LCC	62-05000032
SKT3	IC-socket-SMD-28-pin-PLCC	62-05000028
SKT4	IC-socket-SMD-28-pin-PLCC	62-05000028
CN2	Plug-64-PCMT-01A-A-edge	20-01640300
CN3	Socket-25-PCMT-FILT-A-D-type	20-02250304
CN4	Socket-09-PCMT-FILT-A-D-type	20-02090302

MISCELLANEOUS

SW2	DIL slide switch 8 pole SMT	66-70800001
SW3	Switch push 532-000-001	66-20100011
XTAL1	Osc module 11.0592MHz TTL TRI-stateble	22-40000009
	Battery mounting clip 1/2 inch	02-04311100
	PCB-3040-Synthesiser control	55-00000463
	Nut full MS M2	36-01320000
	Nut full SS M3	36-01330000

Assembly: SYNTHESISER CONTROL PCB
Part No: SS-30401002

Circuit Reference	Description	Part Number
BAT1	Battery 3V lithium	06-00000500
FL1	DC supply filter DSS306	27-40000306
FL2	DC supply filter DSS306	27-40000306
FL3	DC supply filter DSS306	27-40000306
FL4	DC supply filter DSS306	27-40000306
FL5	DC supply filter DSS306	27-40000306
FL6	DC supply filter DSS306	27-40000306

Circuit Reference	Description	Part Number
RESISTORS		
R1	Resistor-10R-0W25-5%-1206-chip	59-90013002
R2	Resistor-10R-0W25-5%-1206-chip	59-90013002
R3	Resistor-2k2-0W25-5%-1206-chip	59-90224002
R4	Resistor-33R-0W25-5%-1206-chip	59-90332002
R5	Resistor-120R-0W25-5%-1206-chip	59-90123002
R8	Resistor-10R-0W25-5%-1206-chip	59-90013002
R9	Resistor-10R-0W25-5%-1206-chip	59-90013002
R11	Resistor-33R-0W25-5%-1206-chip	59-90332002
R12	Resistor-120R-0W25-5%-1206-chip	59-90123002
R15	Resistor-10R-0W25-5%-1206-chip	59-90013002
R16	Resistor-10R-0W25-5%-1206-chip	59-90013002
R18	Resistor-33R-0W25-5%-1206-chip	59-90332002
R19	Resistor-120R-0W25-5%-1206-chip	59-90123002
R22	Resistor-10R-0W25-5%-1206-chip	59-90013002
R23	Resistor-10R-0W25-5%-1206-chip	59-90013002
R24	Resistor-1k-0W25-5%-1206-chip	59-90015002
R25	Resistor-33R-0W25-5%-1206-chip	59-90332002
R26	Resistor-120R-0W25-5%-1206-chip	59-90123002
R27	Resistor-1k-0W25-5%-1206-chip	59-90015002
R29	Resistor-8k2-0W25-5%-1206-chip	59-90824002
R30	Resistor-150R-0W25-5%-1206-chip	59-90153002
R31	Resistor-5k6-0W25-5%-1206-chip	59-90564002
R32	Resistor-3k9-0W25-5%-1206-chip	59-90394002
R33	Resistor-10k-0W25-5%-1206-chip	59-90016002
R34	Resistor-4k7-0W25-5%-1206-chip	59-90474002
R35	Resistor-150R-0W25-5%-1206-chip	59-90153002
R37	Resistor-100R-0W25-5%-1206-chip	59-91002002
R38	Resistor-3k3-0W25-5%-1206-chip	59-90334002
R39	Resistor-4k7-0W25-5%-1206-chip	59-90474002
R40	Resistor-82R-0W25-5%-1206-chip	59-90822002
R41	Resistor-1k-0W25-5%-1206-chip	59-90015002
R42	Resistor-10k-0W25-5%-1206-chip	59-90016002
R43	Resistor-2k2-0W25-5%-1206-chip	59-90224002
R44	Resistor-10k-0W25-5%-1206-chip	59-90016002
R45	Resistor-220R-0W25-5%-1206-chip	59-90223002
R46	Resistor-1k-0W25-5%-1206-chip	59-90015002
R47	Resistor-220R-0W25-5%-1206-chip	59-90223002
R48	Resistor-220R-0W25-5%-1206-chip	59-90223002
R50	Resistor-180R-0W25-5%-1206-chip	59-90183002
R51	Resistor-1k-0W25-5%-1206-chip	59-90015002
R53	Resistor-2k2-0W25-5%-1206-chip	59-90224002
R54	Resistor-390R-0W25-5%-1206-chip	59-90393002
R55	Resistor-2k2-0W25-5%-1206-chip	59-90224002

Circuit Reference	Description	Part Number
R56	Resistor-100R-0W25-5%-1206-chip	59-91002002
R57	Resistor-51R-0W25-5%-1206-chip	59-90512002
R58	Resistor-5k6-0W25-5%-1206-chip	59-90564002
R59	Resistor-3k9-0W25-5%-1206-chip	59-90394002
R60	Resistor-10k-0W25-5%-1206-chip	59-90016002
R61	Resistor-4k7-0W25-5%-1206-chip	59-90474002
R62	Resistor-22R-0W25-5%-1206-chip	59-90222002
R63	Resistor-270R-0W25-5%-1206-chip	59-90273002
R64	Resistor-680R-0W25-5%-1206-chip	59-90683002
R65	Resistor-100R-0W25-5%-1206-chip	59-91002002
R67	Resistor-22k-0W25-5%-1206-chip	59-90225002
R68	Resistor-1k-0W25-5%-1206-chip	59-90015002
R69	Resistor-1k-0W25-5%-1206-chip	59-90015002
R70	Resistor-1k-0W25-5%-1206-chip	59-90015002
R71	Resistor-22k-0W25-5%-1206-chip	59-90225002
R72	Resistor-15k-0W25-5%-1206-chip	59-90155002
R73	Resistor-22k-0W25-5%-1206-chip	59-90225002
R74	Resistor-22k-0W25-5%-1206-chip	59-90225002
R75	Resistor-22k-0W25-5%-1206-chip	59-90225002
R76	Resistor-100k-0W25-5%-1206-chip	59-90017002
R77	Resistor-100k-0W25-5%-1206-chip	59-90017002
R78	Resistor-100k-0W25-5%-1206-chip	59-90017002
R79	Resistor-100k-0W25-5%-1206-chip	59-90017002
R80	Resistor-75R-0W25-5%-1206-chip	59-90752002
R81	Resistor-75R-0W25-5%-1206-chip	59-90752002
R82	Resistor-10k-0W25-5%-1206-chip	59-90016002
R83	Resistor-10k-0W25-5%-1206-chip	59-90016002
R84	Resistor-470R-0W25-5%-1206-chip	59-94702002
R85	Resistor-22R-0W25-5%-1206-chip	59-90222002
R86	Resistor-10k-0W25-5%-1206-chip	59-90016002
R87	Resistor-1k-0W25-5%-1206-chip	59-90015002

CAPACITORS

C1	Ceramic-1nF-10%-50V-X7R-1206	14-03103201
C2	Ceramic-1nF-10%-50V-X7R-1206	14-03103201
C3	Ceramic-47pF-5%-50V-NPO-1206	14-03471201
C5	Ceramic-150pF-5%-63V-NPO-1206	14-03152200
C6	Ceramic-1nF-10%-50V-X7R-1206	14-03103201
C7	Ceramic-1nF-10%-50V-X7R-1206	14-03103201
C8	Ceramic-100pF-5%-50V-NPO-1206	14-03102201
C9	Ceramic-100pF-5%-50V-NPO-1206	14-03102201
C12	Ceramic-1nF-10%-50V-X7R-1206	14-03103201
C13	Ceramic-1nF-10%-50V-X7R-1206	14-03103201
C14	Ceramic-1nF-10%-50V-X7R-1206	14-03103201
C15	Ceramic-22pF-5%-50V-NPO-1206	14-03221201

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Circuit Reference	Description	Part Number
C17	Ceramic-100pF-5%-50V-NPO-1206	14-03102201
C18	Ceramic-1nF-10%-50V-X7R-1206	14-03103201
C19	Ceramic-1nF-10%-50V-X7R-1206	14-03103201
C20	Ceramic-100pF-5%-50V-NPO-1206	14-03102201
C24	Ceramic-1nF-10%-50V-X7R-1206	14-03103201
C25	Ceramic-100pF-5%-50V-NPO-1206	14-03102201
C26	Ceramic-100pF-5%-50V-NPO-1206	14-03102201
C27	18pF high Q porcelain chip capacitor	14-30180301
C28	8.2pF high Q porcelain chip capacitor	14-30820301
C29	56pF high Q porcelain chip CAPACITOR	14-30561301
C30	Ceramic-100pF-5%-50V-NPO-1206	14-03102201
C31	Ceramic-1nF-10%-50V-X7R-1206	14-03103201
C32	Ceramic-100pF-5%-50V-NPO-1206	14-03102201
C34	Ceramic-100pF-5%-50V-NPO-1206	14-03102201
C35	Ceramic-100pF-5%-50V-NPO-1206	14-03102201
C36	Ceramic-1nF-10%-50V-X7R-1206	14-03103201
C37	Ceramic-100pF-5%-50V-NPO-1206	14-03102201
C38	Ceramic-100pF-5%-50V-NPO-1206	14-03102201
C39	12P high Q porcelain chip	14-30121301
C40	6.8pF high Q porcelain chip capacitor	14-30680301
C41	39pF high Q porcelain chip	14-30391301
C42	Ceramic-100pF-5%-50V-NPO-1206	14-03102201
C43	Ceramic-100pF-5%-50V-NPO-1206	14-03102201
C44	Ceramic-15pF-5%-63V-NPO-1206	14-03151201
C48	Ceramic-1nF-10%-50V-X7R-1206	14-03103201
C49	Ceramic-1nF-10%-50V-X7R-1206	14-03103201
C50	Ceramic-1nF-10%-50V-X7R-1206	14-03103201
C51	Ceramic-1nF-10%-50V-X7R-1206	14-03103201
C52	Ceramic-1nF-10%-50V-X7R-1206	14-03103201
C53	Ceramic-1nF-10%-50V-X7R-1206	14-03103201
C54	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C55	Ceramic-1nF-10%-50V-X7R-1206	14-03103201
C56	Ceramic-1nF-10%-50V-X7R-1206	14-03103201
C57	Ceramic-1nF-10%-50V-X7R-1206	14-03103201
C59	Ceramic-100pF-5%-50V-NPO-1206	14-03102201
C60	Ceramic-1nF-10%-50V-X7R-1206	14-03103201
C61	Electrolytic-2.2μF-10+50%-40V-chip	14-06226100
C62	Ceramic-22nF 1206 chip	14-03224200
C63	Ceramic-1nF-10%-50V-X7R-1206	14-03103201
C67	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C68	Ceramic-1nF-10%-50V-X7R-1206	14-03103201
C69	Ceramic-1nF-10%-50V-X7R-1206	14-03103201
C70	Ceramic-100pF-5%-50V-NPO-1206	14-03102201
C73	Ceramic-1nF-10%-50V-X7R-1206	14-03103201
C75	Ceramic-1nF-10%-50V-X7R-1206	14-03103201
C76	Ceramic-1nF-10%-50V-X7R-1206	14-03103201

Circuit Reference	Description	Part Number
C77	Ceramic-1nF-10%-50V-X7R-1206	14-03103201
C78	Ceramic-1nF-10%-50V-X7R-1206	14-03103201
C79	Ceramic-1nF-10%-50V-X7R-1206	14-03103201
C80	Ceramic-1nF-10%-50V-X7R-1206	14-03103201
C82	Tantalum-0.47 μ F-35V	14-36472100
C83	Tantalum-0.47 μ F-35V	14-36472100
C84	Tantalum-0.47 μ F-35V	14-36472100
C85	Tantalum-0.47 μ F-35V	14-36472100
C86	Ceramic-1nF-10%-50V-X7R-1206	14-03103201
C87	Tantalum-2.2 μ F-35V	14-36226101
C88	Electrolytic-220 μ F-25V-vertical	14-06228100
C89	Ceramic-1nF-10%-50V-X7R-1206	14-03103201
C90	Ceramic-1nF-10%-50V-X7R-1206	14-03103201

SEMICONDUCTORS

D1	Diode-ZC836B-varactor-SOT23	61-20700836
D2	Diode-ZC836B-varactor-SOT23	61-20700836
D3	Varactor-SMV1202-12-SOT23	61-00120212
D4	Varactor-SMV1202-12-SOT23	61-00120212
D5	Varactor-SMV1202-12-SOT23	61-00120212
D6	Diode-ZC834B-varactor-SOT23	61-00700834
D7	Diode-ZC834B-varactor-SOT23	61-00700834
D8	Pin diode-HSMP3820-SOT23	61-00403820
D9	Varactor-SMV1200-107-SOT23	61-00120010
D11	Diode-ZC836B-varactor-SOT23	61-20700836
D12	Varactor-SMV1202-12-SOT23	61-00120212
D13	Varactor-SMV1202-12-SOT23	61-00120212
D14	Varactor-SMV1202-12-SOT23	61-00120212
D16	Diode-ZC834B-varactor-SOT23	61-00700834
D19	Diode-ZC834B-varactor-SOT23	61-00700834
D20	Pin diode-HSMP3820-SOT23	61-00403820
D21	Pin diode-HSMP3820-SOT23	61-00403820
D22	Pin diode-HSMP3820-SOT23	61-00403820
D23	Pin diode-HSMP3820-SOT23	61-00403820
D24	Pin diode-HSMP3820-SOT23	61-00403820
D25	Pin diode-HSMP3820-SOT23	61-00403820
D26	Dual schottky-HSMS2822-SOT23	61-00602822
D27	Dual schottky-HSMS2822-SOT23	61-00602822
IC1	IC-SMT-OP270GS	61-13000270
IC2	IC-SMT-LM2901M-quad comparator	61-13002901
IC3	IC-SMT-HEF4052BT	61-13004052
TR1	Transistor-SST310-chip	61-08002310
TR2	Transistor-SST310-chip	61-08002310
TR4	Transistor-BC847-chip	61-24120847
TR5	Transistor-BC847-chip	61-24120847

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Circuit Reference	Description	Part Number
TR7	Transistor-SST310-chip	61-08002310
TR8	Transistor-SST310-chip	61-08002310
TR10	Transistor-BC847-chip	61-24120847
TR11	Transistor-BC847-chip	61-24120847
TR13	Transistor-SST310-chip	61-08002310
TR14	Transistor-SST310-chip	61-08002310
TR16	Transistor-BC847-chip	61-24120847
TR17	Transistor-BC847-chip	61-24120847
TR19	Transistor-SST310-chip	61-08002310
TR20	Transistor-SST310-chip	61-08002310
TR22	Transistor-BC847-chip	61-24120847
TR23	Transistor-BC847-chip	61-24120847
TR25	MOSFET-BF998-SOT142	61-08000998
TR27	Transistor-BC847-chip	61-24120847
TR28	Transistor-BC857-chip	61-24120857
TR29	Transistor-BC857-chip	61-24120857
TR30	Transistor-BC857-chip	61-24120857
TR31	Transistor-BC857-chip	61-24120857
TR32	Transistor-MRF581A	61-04420581
TR33	MOSFET-BF998-SOT142	61-08000998
TR34	Transistor-BC857-chip	61-24120857
TR35	Transistor-BSP40-chip	61-24220040

CONNECTORS

CN1	Plug-09-PCMT-FILT-A-D-TYPE	20-01090303
CN2	Cable-S RIG-50 ohm-0.034	10-05110701
CN3	Cable-S RIG-50 ohm-0.034	10-05110701
CN4	Cable-S RIG-50 ohm-0.034	10-05110701
CN5	Cable-S RIG-50 ohm-0.034	10-05110701

MISCELLANEOUS

L1	Choke 1 μ H SC30	79-01000002
L2	Choke 1 μ H SC30	79-01000002
L4	Choke 1 μ H SC30	79-01000002
L6	Choke 1 μ H SC30	79-01000002
L7	Choke 1 μ H SC30	79-01000002
L8	Choke 1 μ H SC30	79-01000002
L10	Choke 1 μ H SC30	79-01000002
L12	Choke 1 μ H SC30	79-01000002
L13	Choke-0.47 μ H-SC30	79-01000061
L14	Choke-0.47 μ H-SC30	79-01000061
L16	Choke-0.47 μ H-SC30	79-01000061
L17	17nH high Q inductor surface mount	79-01000073
L18	Choke-0.47 μ H-SC30	79-01000061

Assembly: SYNTHESISER VCO PCB
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Circuit Reference	Description	Part Number
L19	Choke-220nH-SC30	79-01000014
L20	Choke-220nH-SC30	79-01000014
L22	Choke-220nH-SC30	79-01000014
L23	Choke-23nH-LQN1A-chip	79-01000064
L24	Choke-220nH-SC30	79-01000014
L25	Inductor-680nH-3612-chip	79-01000055
L26	Inductor-390nH-3612-chip	79-01000057
L27	Choke-220nH-3612-chip	79-01000050
L28	Inductor-120nH-3612-chip	79-01000054
L29	15nH-high Q chip inductor surface mount	79-01000072
L30	Inductor-2.2 μ H-3612-chip	79-01000067
L31	Inductor-100nH-3612-chip	79-01000074
L32	Inductor-470nH-3612-chip	79-01000076
L33	Choke-2 μ 2-3612-chip	79-01000067
L34	Choke-23nH-LQN1A-chip	79-01000064
L35	Choke-10 μ H-3613-chip	79-01000070
PCB	PCB-3040-VCO	55-00000478

Circuit Reference	Description	Part Number
RESISTORS		
R2	Resistor-22R-0W25-5%-1206-chip	59-90222002
R3	Resistor-39R-0W25-5%-1206-chip	59-90392002
R4	Resistor-470R-0W25-5%-1206-chip	59-94702002
R5	Resistor-470R-0W25-5%-1206-chip	59-94702002
R6	Resistor-220R-0W25-5%-1206-chip	59-90223002
R7	Resistor-470R-0W25-5%-1206-chip	59-94702002
R8	Resistor-470R-0W25-5%-1206-chip	59-94702002
R9	Resistor-270R-0W25-5%-1206-chip	59-90273002
R10	Resistor-3k9-0W25-5%-1206-chip	59-90394002
R11	Resistor-4k7-0W25-5%-1206-chip	59-90474002
R12	Resistor-1k-0W25-5%-1206-chip	59-90015002
R13	Resistor-1k5-0W25-5%-1206-chip	59-90154002
R14	Resistor-1k-0W25-5%-1206-chip	59-90015002
R15	Resistor-1k-0W25-5%-1206-chip	59-90015002
R16	Resistor-1k-0W25-5%-1206-chip	59-90015002
R17	Resistor-1k-0W25-5%-1206-chip	59-90015002
R18	Resistor-470R-0W25-5%-1206-chip	59-94702002
R19	Resistor-4k7-0W25-5%-1206-chip	59-90474002
R20	Resistor-1k-0W25-5%-1206-chip	59-90015002
R21	Resistor-470R-0W25-5%-1206-chip	59-94702002
R22	Resistor-4k7-0W25-5%-1206-chip	59-90474002
R23	Resistor-4k7-0W25-5%-1206-chip	59-90474002
R24	Resistor-10k-0W25-5%-1206-chip	59-90016002
R25	Resistor-470R-0W25-5%-1206-chip	59-94702002
R26	Resistor-1k-0W25-5%-1206-chip	59-90015002
R27	Resistor-1k-0W25-5%-1206-chip	59-90015002
R28	Resistor-2k2-0W25-5%-1206-chip	59-90224002
R29	Resistor-330R-0W25-5%-1206-chip	59-93302002
R30	Resistor-330R-0W25-5%-1206-chip	59-93302002
R31	Resistor-100R-0W25-5%-1206-chip	59-91002002
R32	Resistor-2k2-0W25-5%-1206-chip	59-90224002
R33	Resistor-220R-0W25-5%-1206-chip	59-90223002
R34	Resistor-18k-0W25-5%-1206-chip	59-90185002
R35	Resistor-220R-0W25-5%-1206-chip	59-90223002
R36	Resistor-220R-0W25-5%-1206-chip	59-90223002
R37	Resistor-2k2-0W25-5%-1206-chip	59-90224002
R38	Resistor-220R-0W25-5%-1206-chip	59-90223002
R39	Resistor-1k-0W25-5%-1206-chip	59-90015002
R40	Resistor-6k2-0W25-5%-1206-chip	59-90624002
R41	Resistor-10k-0W25-5%-1206-chip	59-90016002
R42	Resistor-10k-0W25-5%-1206-chip	59-90016002
R43	Resistor-1k5-0W25-5%-1206-chip	59-90154002
R44	Resistor-1k-0W25-5%-1206-chip	59-90015002
R45	Resistor-4k3-0W25-5%-1206-chip	59-90434002

Circuit Reference	Description	Part Number
R46	Resistor-3k3-0W25-5%-1206-chip	59-90334002
R47	Resistor-2k2-0W25-5%-1206-chip	59-90224002
R48	Resistor-3k3-0W25-5%-1206-chip	59-90334002
R49	Resistor-1k-0W25-5%-1206-chip	59-90015002
R50	Resistor-1k-0W25-5%-1206-chip	59-90015002
R51	Resistor-1k-0W25-5%-1206-chip	59-90015002
R52	Resistor-70R-0W25-5%-1206-chip	59-94702002
R53	Resistor-100R-0W25-5%-1206-chip	59-91002002
R54	Resistor-7k5-0W25-5%-1206-chip	59-90754002
R55	Resistor-220R-0W25-5%-1206-chip	59-90223002
R56	Resistor-150k-0W25-5%-1206-chip	59-91505002
R57	Resistor-2k2-0W25-5%-1206-chip	59-90224002
R58	Resistor-68k-0W25-5%-1206-chip	59-90685002
R59	Resistor-20R-0W25-5%-1206-chip	59-90202002
R60	Resistor-220R-0W25-5%-1206-chip	59-90223002
R61	Resistor-10k-0W25-5%-1206-chip	59-90016002
R62	Resistor-10k-0W25-5%-1206-chip	59-90016002
R63	Resistor-10k-0W25-5%-1206-chip	59-90016002
R64	Resistor-100R-0W25-5%-1206-chip	59-91002002
R65	Resistor-10k-0W25-5%-1206-chip	59-90016002
R66	Resistor-56k-0W25-5%-1206-chip	59-90565002
R67	Resistor-10k-0W25-5%-1206-chip	59-90016002
R68	Resistor-10k-0W25-5%-1206-chip	59-90016002
R69	Resistor-22k-0W25-5%-1206-chip	59-90225002
R70	Resistor-22k-0W25-5%-1206-chip	59-90225002
R72	Resistor-3k3-0W25-5%-1206-chip	59-90334002
R73	Resistor-3k3-0W25-5%-1206-chip	59-90334002
R74	Resistor-10k-0W25-5%-1206-chip	59-90016002
R75	Resistor-10k-0W25-5%-1206-chip	59-90016002
R76	Resistor-10k-0W25-5%-1206-chip	59-90016002
R77	Resistor-10R-0W25-5%-1206-chip	59-90513002
R78	Resistor-10k-0W25-5%-1206-chip	59-90016002
R79	Resistor-47k-0W25-5%-1206-chip	59-90475002
R80	Resistor-1k5-0W25-5%-1206-chip	59-90154002
R81	Resistor-100k-0W25-5%-1206-chip	59-90017002
R82	Resistor-100k-0W25-5%-1206-chip	59-90017002
R83	Resistor-100R-0W25-5%-1206-chip	59-91002002
R84	Resistor-220R-0W25-5%-1206-chip	59-90223002
R85	Resistor-1k5-0W25-5%-1206-chip	59-90154002
R86	Resistor-1k5-0W25-5%-1206-chip	59-90154002
R87	Resistor-33k-0W25-5%-1206-chip	59-90335002
R88	Resistor-4k7-0W25-5%-1206-chip	59-90474002
R89	Resistor-100R-0W25-5%-1206-chip	59-91002002
R90	Resistor-1k-0W25-5%-1206-chip	59-90015002
R91	Resistor-1k-0W25-5%-1206-chip	59-90015002
R92	Resistor-470R-0W25-5%-1206-chip	59-94702002

Circuit Reference	Description	Part Number
R93	Resistor-470R-0W25-5%-1206-chip	59-94702002
R94	Resistor-10k-0W25-5%-1206-chip	59-90016002
R95	Resistor-470R-0W25-5%-1206-chip	59-94702002
R96	Resistor-10k-0W25-5%-1206-chip	59-90016002
R97	Resistor-1k-0W25-5%-1206-chip	59-90015002
R99	Resistor-2k2-0W25-5%-1206-chip	59-90224002
R100	Resistor-27k-0W25-5%-1206-chip	59-90275002
R101	Resistor-6k8-0W25-5%-1206-chip	59-90684002
R102	Resistor-10k-0W25-5%-1206-chip	59-90016002
R103	Resistor-1k-0W25-5%-1206-chip	59-90015002
R110	Resistor-2k7-0W25-5%-1206-chip	59-90274002
R111	Resistor-22k-0W25-5%-1206-chip	59-90225002
R114	Resistor-7k5-0W25-5%-1206-chip	59-90754002
R115	Resistor-100R-0W25-5%-1206-chip	59-91002002
R116	Resistor-10k-0W25-5%-1206-chip	59-90016002
R117	Resistor-10k-0W25-5%-1206-chip	59-90016002
R118	Resistor-100k-0W25-5%-1206-chip	59-90017002
R119	Resistor-10k-0W25-5%-1206-chip	59-90016002
R120	Resistor-680R-0W25-5%-1206-chip	59-90683002
R121	Resistor-39k-0W25-5%-1206-chip	59-90395002
R122	Resistor-100k-0W25-5%-1206-chip	59-90017002
R123	Resistor-47R-0W25-5%-1206-chip	59-90472002
R124	Resistor-470R-0W25-5%-1206-chip	59-94702002
R125	Resistor-470R-0W25-5%-1206-chip	59-94702002
R126	Resistor-10k-0W25-5%-1206-chip	59-90016002
R127	Resistor-2k2-0W25-5%-1206-chip	59-90224002
R128	Resistor-270k-0W25-5%-1206-chip	59-90276002
R129	Resistor-10k-0W25-5%-1206-chip	59-90016002
R130	Resistor-47R-0W25-5%-1206-chip	59-90472002
R131	Resistor-4k7-0W25-5%-1206-chip	59-90474002
R132	Resistor-4k7-0W25-5%-1206-chip	59-90474002
R133	Resistor-4k7-0W25-5%-1206-chip	59-90474002
R134	Resistor-100k-0W25-5%-1206-chip	59-90017002
R135	Resistor-10k-0W25-5%-1206-chip	59-90016002
R136	Resistor-10k-0W25-5%-1206-chip	59-90016002
R137	Resistor-4k7-0W25-5%-1206-chip	59-90474002
R138	Resistor-470k-0W25-5%-1206-chip	59-90476002
R139	Resistor-10k-0W25-5%-1206-chip	59-90016002
R140	Resistor-10k-0W25-5%-1206-chip	59-90016002
R141	Resistor-100k-0W25-5%-1206-chip	59-90017002
R142	Resistor-470R-0W25-5%-1206-chip	59-94702002
R143	Resistor-680R-0W25-5%-1206-chip	59-90683002
R144	Resistor-47R-0W25-5%-1206-chip	59-90472002
R145	Resistor-100k-0W25-5%-1206-chip	59-90017002
R146	Resistor-220k-0W25-5%-1206-chip	59-90226002

Circuit Reference	Description	Part Number
R147	Resistor-100k-0W25-5%-1206-chip	59-90017002
R148	Resistor-1k-0W25-5%-1206-chip	59-90015002
R149	Resistor-1k-0W25-5%-1206-chip	59-90015002
R150	Resistor-100k-0W25-5%-1206-chip	59-90017002
R151	Resistor-100k-0W25-5%-1206-chip	59-90017002
R152	Resistor-18k-0W25-5%-1206-chip	59-90185002
R153	Resistor-22k-0W25-5%-1206-chip	59-90225002
R154	Resistor-10k-0W25-5%-1206-chip	59-90016002
R155	Resistor-330R-0W25-5%-1206-chip	59-93302002
R156	Resistor-4k7-0W25-5%-1206-chip	59-90474002
R157	Resistor-1k5-0W25-5%-1206-chip	59-90154002
R160	Resistor-220R-0W25-5%-1206-chip	59-90223002
R161	Resistor-4k7-0W25-5%-1206-chip	59-90474002
R162	Resistor-330R-0W25-5%-1206-chip	59-93302002
R163	Resistor-2k2-0W25-5%-1206-chip	59-90224002
R164	Resistor-1k-0W25-5%-1206-chip	59-90015002
R165	Resistor-2k2-0W25-5%-1206-chip	59-90224002
R166	Resistor-22k-0W25-5%-1206-chip	59-90225002
R167	Resistor-5k6-0W25-5%-1206-chip	59-90564002
R168	Resistor-10k-0W25-5%-1206-chip	59-90016002
R170	Resistor-10k-0W4-1-metal film	59-10105002
RV1	Potentiometer-SMT-LN-CRMT-5k-horizontal	53-30054202
RV2	Potentiometer-SMT-LN-CRMT-5k-horizontal	53-30054202
RV3	Potentiometer-SMT-LN-CRMT-5k-horizontal	53-30054202
RV4	Potentiometer-SMT-LN-CRMT-5k-horizontal	53-30054202
RV5	T-SMT-LN-CRMT-5k-horizontal	53-30054202
RV8	Potentiometer-SURF MNT-LN-Ceramic-10k	53-50104203

CAPACITORS

C1	Ceramic-1000pF-50V-chip	14-03103201
C2	Ceramic-47pF-50V-NPO-1206	14-03471201
C3	Ceramic-330pF-5%-50V-COG-1206	14-03332201
C4	Ceramic-1000pF-50V-chip	14-03103201
C5	Mixed-0.1μF-63V-PLYEST	14-21105200
C6	Plastic-1μF-63V-10%-MkS2	14-21106200
C7	Mixed-22nF-63V-PLYEST	14-21224200
C8	Ceramic-10nF-10%-50V-X7R-1206	14-03104202
C9	Ceramic-820pF-5%-50V-COG-1206	14-03822201
C10	Ceramic-820pF-5%-50V-COG-1206	14-03822201
C11	Ceramic-47pF-5%-50V-NPO-1206	14-03471201
C12	Ceramic-10nF-10%-50V-X7R-1206	14-03104202
C13	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C14	Ceramic-1000pF-50V-chip	14-03103201
C15	Mixed-470nF-63V-POLYCARB	14-18475200
C16	Mixed-0.22μF-63V-PLYEST	14-21225200

Assembly: SYNTHESISER PCB
Part No: SS-30401004

Circuit Reference	Description	Part Number
C17	Ceramic-1.2nF-5%-50V-COG-1206	14-03123201
C18	Ceramic-820pF-5%-50V-COG-1206	14-03822201
C19	Ceramic-820pF-5%-50V-COG-1206	14-03822201
C21	Tantalum 100 μ F 16 V	14-36108100
C22	Ceramic-1000pF-50V-chip	14-03103201
C23	Ceramic-1000pF-50V-chip	14-03103201
C24	Ceramic-1000pF-50V-chip	14-03103201
C25	Ceramic-1000pF-50V-chip	14-03103201
C28	Tantalum-10 μ F-16V	14-36107100
C30	Ceramic-10nF-10%-50V-X7R-1206	14-03104202
C31	Ceramic-10nF-10%-50V-X7R-1206	14-03104202
C32	Ceramic-10nF-10%-50V-X7R-1206	14-03104202
C33	Ceramic-10nF-10%-50V-X7R-1206	14-03104202
C34	Ceramic-10nF-10%-50V-X7R-1206	14-03104202
C35	Ceramic-10nF-10%-50V-X7R-1206	14-03104202
C36	Ceramic-10nF-10%-50V-X7R-1206	14-03104202
C37	Ceramic-10nF-10%-50V-X7R-1206	14-03104202
C38	Ceramic-10nF-10%-50V-X7R-1206	14-03104202
C39	Ceramic-10nF-10%-50V-X7R-1206	14-03104202
C41	Ceramic-10nF-10%-50V-X7R-1206	14-03104202
C42	Ceramic-10nF-10%-50V-X7R-1206	14-03104202
C43	Ceramic-10nF-10%-50V-X7R-1206	14-03104202
C45	Ceramic-10nF-10%-50V-X7R-1206	14-03104202
C47	Ceramic-10nF-10%-50V-X7R-1206	14-03104202
C49	Ceramic-10nF-10%-50V-X7R-1206	14-03104202
C50	Ceramic-10nF-10%-50V-X7R-1206	14-03104202
C51	Ceramic-10nF-10%-50V-X7R-1206	14-03104202
C52	Ceramic-10nF-10%-50V-X7R-1206	14-03104202
C53	Ceramic-10nF-10%-50V-X7R-1206	14-03104202
C54	Ceramic-10nF-10%-50V-X7R-1206	14-03104202
C55	Ceramic-4.7nF-50V-chip	14-03473201
C56	Ceramic-1000pF-50V-chip	14-03103201
C57	Mixed-470nF-63V-POLYCARB	14-18475200
C62	Ceramic-100pF-5%-50V-NPO-1206	14-03102201
C64	Ceramic-33pF-5%-50V-NPO-1206	14-03331201
C65	Ceramic-1000pF-50V-chip	14-03103201
C66	Ceramic-1000pF-50V-chip	14-03103201
C90	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C91	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C92	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C93	Electrolytic-1000 μ F-20%-10V-VERT-135	14-06109101
C94	Ceramic-10pF-0.5-50V-NPO-1206	14-03101201
C95	Ceramic-100nF-10%-50V-X7R-1206	14-03105201
C96	Ceramic-10nF-10%-50V-X7R-1206	14-03104202
C98	Ceramic-10nF-10%-50V-X7R-1206	14-03104202
C99	Ceramic-10nF-10%-50V-X7R-1206	14-03104202

Circuit Reference	Description	Part Number
C101	Ceramic-1000pF-50V-chip	14-03103201
C103	Ceramic-1000pF-50V-chip	14-03103201
C104	Ceramic-47pF-5%-50V-NPO-1206	14-03471201
C105	Ceramic-1000pF-50V-chip	14-03103201
C106	Ceramic-470pF-5%-50V-COG-1206	14-03472201
C108	Ceramic-470pF-5%-50V-COG-1206	14-03472201
C111	Ceramic-22nF 1206 chip	14-03224200
C116	Ceramic-10pF-0.5-50V-NPO-1206	14-03101201
C120	Ceramic-1000pF-50V-chip	14-03103201
C122	Ceramic-68pF-5%-50V-NPO-1206	14-03681200
C123	Ceramic-27pF-5%-50V-NPO-1206	14-03271201
C124	Ceramic-27pF-5%-50V-NPO-1206	14-03271201
C125	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C126	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C127	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C128	Ceramic-1000pF-50V-chip	14-03103201
C129	Ceramic-39pF-5%-50V-NPO-1206	14-03391200
C130	Ceramic-1000pF-50V-chip	14-03103201
C131	Ceramic-100pF-5%-50V-NPO-1206	14-03102201
C132	Ceramic-1000pF-50V-chip	14-03103201
C133	Ceramic-1000pF-50V-chip	14-03103201
C134	Mixed-0.22 μ F-63V-PLYEST	14-21225200
C135	Ceramic-100nF-10%-50V-XR7-1206	14-03105201
C136	Ceramic-1000pF-50V-chip	14-03103201
C137	Ceramic-10nF-10%-50V-X7R-1206	14-03104202
C138	Ceramic-470pF-5%-50V-COG-1206	14-03472201
C139	Ceramic-220pF-5%-50V-NPO-1206	14-03222201
C140	Ceramic-1000pF-50V-chip	14-03103201
C141	Ceramic-1000pF-50V-chip	14-03103201
C142	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C145	Electrolytic-2.2 μ F-10+50%-40V-chip	14-06226100
C160	Ceramic-10nF-10%-50V-X7R-1206	14-03104202

SEMICONDUCTORS

D1	Diode-BAS16-chip	61-20100016
D2	HSMS 2814 surface mount schottky diode	61-20102814
D3	HSMS 2814 surface mount schottky diode	61-20102814
D4	HSMS 2814 surface mount schottky diode	61-20102814
D5	Reg 2.5V voltage ref	61-12000250
D6	Diode Schottky HSMS2820	61-00602820
D7	HSMS 2814 surface mount schottky Diode	61-20102814
D8	Diode-BAS16-chip	61-20100016
D9	2.7V surface mount zener diode	61-20202703
D101	Diode-BAS16-chip	61-20100016
D102	Diode-ZC832B-varactor-SOT23	61-20700832

Circuit Reference	Description	Part Number
D103	Diode-ZC832B-varactor-SOT23	61-20700832
D104	Diode-ZC836B-varactor-SOT23	61-20700836
D105	Diode Schottky HSMS2820	61-00602820
D106	Diode-ZC836B-varactor-SOT23	61-20700836
IC1	Replaced by sub-assembly 98-30400001	
IC2	74F175 quad D flip-flop	61-22200175
IC3	74F74 dual D flip-flop	61-22200074
IC4	74F51 dual AND-OR-invert gate	61-22200051
IC5	47F30 8-input NAND gate	61-22200030
IC6	Integrated circuit HEF4751VD	61-12004751
IC7	IC-SMT-HEF4104BT	61-13004104
IC8	IC-SMT-HEF4104BT	61-13004104
IC9	IC-SMT-MC74HC573ADW	61-13074573
IC10	IC-PLCC-PALCE26V12H-20JC/4 + software issue 1	65-00000070
IC11	IC-SMT-HEF4104BT	61-13004104
IC12	74F74 dual D flip-flop	61-22200074
IC13	74F74 dual D flip-flop	61-22200074
IC14	74F00 Quad 2-input NAND gate	61-22200000
IC15	IC-SMT-74HCT14-hex inverters	61-22100014
IC16	IC-SMT-MAX7628JP-dual 8 bit DAC	61-22007628
IC17	74F14 hex inverter schmitt trigger	61-22200014
IC18	LF298 monolithic sample and hold	61-22000298
IC19	74F11 triple 3-input and gate	61-22200011
IC20	IC-SMT-OP270GS	61-13000270
IC21	IC-SMT-OP270GS	61-13000270
IC23	IC-SMT-HEF4052BT	61-13004052
IC24	IC-SMT-SW239	61-13000239
IC25	IC-SMT-HEF4104BT	61-13004104
IC26	IC-SMT-OP270GS	61-13000270
IC27	IC-SMT-MAX7548JP	61-13007548
IC28	IC-SMT-OP470GS	61-13000470
IC29	IC-SMT-ADG211AkR-analog switch	61-13000211
IC30	IC-SMT-HEF4066BT	61-13004066
IC31	LM234 3-TERM adjustable current source	61-12000234
IC101	74HC192 up/down decade counter	61-22200192
IC102	74HC192 up/down decade counter	61-22200192
IC103	Phase locked loop	61-22004046
IC104	74HC192 up/down decade counter	61-22200192
IC105	IC-SMT-74HCT132-quad-2-input NAND	61-22100132
IC106	Integrated circuit LM78L05ACZ	61-12078105
IC107	IC-SMT-74HCT132-quad-2-input NAND	61-22100132
IC108	Phase locked loop	61-22004046
IC109	IC-SMT-SP8799	61-13008799
IC110	LM2904 low power dual op amp	61-22002904
IC111	IC-SMT-74HCT390	61-13074390
IC112	74F175 Quad D flip-flop	61-22200175

Assembly: SYNTHESISER PCB
Part No: SS-30401004

Circuit Reference	Description	Part Number
TR1	Transistor-BFT92-PNP-WB-SMT	61-24210092
TR2	Transistor-BFT92-PNP-WB-SMT	61-24210092
TR3	Transistor BFR92	61-04420092
TR4	Transistor BFR92	61-04420092
TR5	Transistor BFR92	61-04420092
TR6	Transistor BFR92	61-04420092
TR7	Transistor-BC847-chip	61-24120847
TR8	BFS20 NPN SIL Transistor surface mount	61-24120020
TR9	BFS20 NPN SIL Transistor surface mount	61-24120020
TR10	BF569 PNP SIL Transistor surface mount	61-24110569
TR11	BF569 PNP SIL Transistor surface mount	61-24110569
TR12	BFS20 NPN SIL Transistor surface mount	61-24120020
TR13	BFS20 NPN SIL Transistor surface mount	61-24120020
TR14	Transistor-BC857-chip	61-24120857
TR15	BF569 PNP SIL Transistor surface mount	61-24110569
TR16	BF569 PNP SIL Transistor surface mount	61-24110569
TR17	Transistor-BC857-chip	61-24120857
TR18	N channel MOSFET	61-08000215
TR19	Transistor-BC847-chip	61-24120847
TR20	Transistor-BC847-chip	61-24120847
TR21	Transistor-BC847-chip	61-24120847
TR22	Transistor-BC847-chip	61-24120847
TR23	Transistor-BC847-chip	61-24120847
TR24	Transistor-BC857-chip	61-24120857
TR25	Transistor-BC847-chip	61-24120847
TR101	Transistor-BC857-chip	61-24120857
TR102	Transistor-BC857-chip	61-24120857
TR103	Transistor-BC857-chip	61-24120857
TR104	Transistor-SST310-chip	61-08002310
TR105	MOSFET-BF998-SOT142	61-08000998
TR106	BF569 PNP SIL transistor surface mount	61-24110569
TR107	BF569 PNP SIL transistor surface mount	61-24110569
TR108	BFS20 NPN SIL transistor surface mount	61-24120020

CONNECTORS

	Socket-PC-S-A-D-41612	19-02060200
CN1	Plug-60-PCMT-01A-A-41612	20-01600300
CN2	Plug-25-PCMT-FILT-A-D-type	20-01250301
S101	PLG-03-PCMT-ERG-MIN	20-01030302
J101	Jumper-02-WAY	20-02020101

MISCELLANEOUS

L1	Choke-10 μ H-3613-chip	79-01000070
L2	Choke-10 μ H-3613-chip	79-01000070

Assembly: SYNTHESISER PCB
Part No: SS-30401004

Circuit Reference	Description	Part Number
L3	150 μ H medium current inductor	79-01000069
L104	Choke-1 μ H-3612-chip	79-01000068
L105	Choke-2 μ 2-3612-chip	79-01000067
L106	Choke-220nH-3612-chip	79-01000050
VL1	15 μ H 10k moulded coil	79-09000003
VL2	Core 9R-1013-92-S	79-03000005
VL2	32 SWG EN. wire 10.75T on former	79-10000085
TP1	PCB test point terminal	02-12000001
TP2	PCB test point terminal	02-12000001
TP3	PCB test point terminal	02-12000001
T1	TCXO 10.00000 MHz 1ppm 0 to 55	22D40000017
X1	XTAL-OVER-SER-60MHz	22-13210001
X2	XTAL-FUND-SER-10MHz solder	22-14111891
	PCB-3040-synthesiser	55-00000477
	IC-socket-SMD-28-pin-PLCC	62-05000028
	SP8680 - SP8685 converter module (replaces IC1)	98-30400001

10 GUARD RECEIVER (OPTION)

Assembly: GUARD RECEIVER MODULE

Part No: 68-30600021

Circuit Reference	Description	Part Number
RESISTORS		
R1	Resistor-100R-0W4-1-metal film	59-11002002
R2	Resistor-4k7-0W4-1-metal film	59-10474002
R3	Resistor-22k-0W4-1-metal film	59-10225002
R4	Resistor-1k5-0W4-1-metal film	59-10154002
R5	Resistor-1k8-0W4-1-metal film	59-10184002
R6	Resistor-1k5-0W4-1-metal film	59-10154002
R7	Resistor-2k2-0W4-1-metal film	59-10224002
R8	Resistor-4k7-0W4-1-metal film	59-10474002
R9	Resistor-1k-0W4-1-metal film	59-10015002
R10	Resistor-1k-0W4-1-metal film	59-10015002
R11	Resistor-1k-0W4-1-metal film	59-10015002
R12	Resistor-1k-0W4-1-metal film	59-10015002
R13	Resistor-47k-0W4-1-metal film	59-10475002
R14	Resistor-330R-0W4-1-metal film	59-13302002
R15	Resistor-470R-0W4-1-metal film	59-14702002
R16	Resistor-10k-0W4-1-metal film	59-10105002
R17	Resistor-10k-0W4-1-metal film	59-10105002
R18	Resistor-10k-0W4-1-metal film	59-10105002
R19	Resistor-10k-0W4-1-metal film	59-10105002
R20	Resistor-680R-0W4-1-metal film	59-16802002
R21	Resistor-680R-0W4-1-metal film	59-16802002
R22	Resistor-5k6-0W4-1-metal film	59-10564002
R23	Resistor-12k-0W4-1-metal film	59-10125002
R24	Resistor-330R-0W4-1-metal film	59-13302002
R25	Resistor-470R-0W4-1-metal film	59-14702002
R26	Resistor-220R-0W4-1-metal film	59-12202002
R27	Resistor-4k7-0W4-1-metal film	59-10474002
R28	Resistor-3k3-0W4-1-metal film	59-10334002
R29	Resistor-220R-0W4-1-metal film	59-12202002
R30	Resistor-68R-0W4-1-metal film	59-10682002
R36	Resistor-1k-0W4-1-metal film	59-10015002
R37	Resistor-4k7-0W4-1-metal film	59-10474002
R38	Resistor-4k7-0W4-1-metal film	59-10474002
R39	Resistor-1k8-0W4-1-metal film	59-10184002
R40	Resistor-1k2-0W4-1-metal film	59-10124002
R41	Resistor-4k7-0W4-1-metal film	59-10474002
R42	Resistor-2k2-0W4-1-metal film	59-10224002
R43	Resistor-5k6-0W4-1-metal film	59-10564002
R44	Resistor-1k-0W4-1-metal film	59-10015002
R46	Resistor-150R-0W4-1-metal film	59-11502002
R47	Resistor-5k6-0W4-1-metal film	59-10564002
R48	Resistor-3k3-0W4-1-metal film	59-10334002

Assembly: GUARD RECEIVER MODULE
Part No: 68-30600021

Circuit Reference	Description	Part Number
R49	Resistor-10R-0W4-1-metal film	59-10102002
R50	Resistor-10k-0W4-1-metal film	59-10105002
R51	Resistor-1k-0W4-1-metal film	59-10015002
R52	Resistor-47R-0W4-1-metal film	59-10472002
R53	Resistor-10k-0W4-1-metal film	59-10105002
R54	Resistor-1k-0W4-1-metal film	59-10015002
R55	Resistor-330R-0W4-1-metal film	59-13302002
R56	Resistor-47R-0W4-1-metal film	59-10472002
R57	Resistor-150R-0W4-1-metal film	59-11502002
R58	Resistor-10k-0W4-1-metal film	59-10105002
R59	Resistor-47R-0W4-1-metal film	59-10472002
R60	Resistor-470R-0W4-1-metal film	59-14702002
R61	Resistor-10R-0W4-1-metal film	59-10102002
R62	Resistor-3k3-0W4-1-metal film	59-10334002
R63	Resistor-100R-0W4-1-metal film	59-11002002
R64	Resistor-5k6-0W4-1-metal film	59-10564002
R65	Resistor-330R-0W4-1-metal film	59-13302002
R66	Resistor-15R-0W4-1-metal film	59-10152002
R67	Resistor-220R-0W4-1-metal film	59-12202002
R68	Resistor-470R-0W4-1-metal film	59-14702002
R69	Resistor-100k-0W4-1-metal film	59-11005002
R70	Resistor-47k-0W4-1-metal film	59-10475002
R71	Resistor-47k-0W4-1-metal film	59-10475002
R72	Resistor-1k-0W4-1-metal film	59-10015002
R73	Resistor-1k5-0W4-1-metal film	59-10154002
R74	Resistor-330R-0W4-1-metal film	59-13302002
R75	Resistor-2k7-0W4-1-metal film	59-10274002
R76	Resistor-22k-0W4-1-metal film	59-10225002
R77	Resistor-1k2-0W4-1-metal film	59-10124002
R78	Resistor-4k7-0W4-1-metal film	59-10474002
R79	Resistor-22k-0W4-1-metal film	59-10225002
R80	Resistor-1k-0W4-1-metal film	59-10015002
R81	Resistor-33k-0W4-1-metal film	59-10335002
R82	Resistor-3k3-0W4-1-metal film	59-10334002
R83	Resistor-22k-0W4-1-metal film	59-10225002
R84	Resistor-6k8-0W4-1-metal film	59-10684002
R85	Therm-2k2-kR222CW	53-80223000
R86	Resistor-33k-0W4-1-metal film	59-10335002
R87	Resistor-5k6-0W4-1-metal film	59-10564002
R88	Resistor-47k-0W4-1-metal film	59-10475002
R89	Resistor-10k-0W4-1-metal film	59-10105002
R90	Resistor-33k-0W4-1-metal film	59-10335002
R91	Resistor-68k-0W4-1-metal film	59-10685002
R92	Resistor-56R-0W4-1-metal film	59-10562002
R93	Resistor-100k-0W4-1-metal film	59-11005002
R94	Resistor-47k-0W4-1-metal film	59-10475002

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Circuit Reference	Description	Part Number
R95	Resistor-3k3-0W4-1-metal film	59-10334002
R96	Resistor-33k-0W4-1-metal film	59-10335002
R97	Resistor-100k-0W4-1-metal film	59-11005002
R98	Resistor-100k-0W4-1-metal film	59-11005002
R99	Resistor-33k-0W4-1-metal film	59-10335002
R100	Resistor-1k8-0W4-1-metal film	59-10184002
R101	Resistor-100k-0W4-1-metal film	59-11005002
R102	Resistor-4k7-0W4-1-metal film	59-10474002
R103	Resistor-10k-0W4-1-metal film	59-10105002
R104	Resistor-100R-0W4-1-metal film	59-11002002
R105	Resistor-4k7-0W4-1-metal film	59-10474002
R106	Resistor-1M-0W4-1-metal film	59-10018002
R107	Resistor-680R-0W4-1-metal film	59-16802002
R108	Resistor-680R-0W4-1-metal film	59-16802002
R109	Resistor-33k-0W4-1-metal film	59-10335002
R110	Resistor-1k2-0W4-1-metal film	59-10124002
R111	Resistor-22k-0W4-1-metal film	59-10225002
R112	Resistor-220k-0W4-1-metal film	59-12205002
R113	Resistor-10k-0W4-1-metal film	59-10105002
R114	Resistor-10k-0W4-1-metal film	59-10105002
R115	Resistor-150k-0W4-1-metal film	59-11505002
R116	Resistor-220k-0W4-1-metal film	59-12205002
R117	Resistor-2k2-0W4-1-metal film	59-10224002
R118	Resistor-2k2-0W4-1-metal film	59-10224002
R119	Resistor-10k-0W4-1-metal film	59-10105002
R120	Resistor-100k-0W4-1-metal film	59-11005002
R121	Resistor-10k-0W4-1-metal film	59-10105002
R122	Resistor-150k-0W4-1-metal film	59-11505002
R123	Resistor-18k-0W4-1-metal film	59-10185002
R124	Resistor-18k-0W4-1-metal film	59-10185002
R125	Resistor-10k-0W4-1-metal film	59-10105002
R126	Resistor-10k-0W4-1-metal film	59-10105002
R127	Resistor-100k-0W4-1-metal film	59-11005002
R128	Resistor-100k-0W4-1-metal film	59-11005002
R129	Resistor-3k9-0W4-1-metal film	59-10394002
R130	Resistor-1k8-0W4-1-metal film	59-10184002
R131	Resistor-27k-0W4-1-metal film	59-10275002
R132	Resistor-1k5-0W4-1-metal film	59-10154002
R133	Resistor-2k7-0W4-1-metal film	59-10274002
R134	Resistor-100k-0W4-1-metal film	59-11005002
R135	Resistor-4k7-0W4-1-metal film	59-10474002
R136	Resistor-4k7-0W4-1-metal film	59-10474002
R137	Resistor-4k7-0W4-1-metal film	59-10474002
R138	Resistor-10k-0W4-1-metal film	59-10105002
R139	Resistor-10k-0W4-1-metal film	59-10105002
R140	Resistor-10k-0W4-1-metal film	59-10105002

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Circuit Reference	Description	Part Number
R141	Resistor-5k6-0W4-1-metal film	59-10564002
R142	Resistor-1k-0W4-1-metal film	59-10015002
R143	Resistor-1k-0W4-1-metal film	59-10015002
R144	Resistor-2k7-0W4-1-metal film	59-10274002
R145	Resistor-3k9-0W4-1-metal film	59-10394002
R149	Resistor-2k2-0W4-1-metal film	59-10224002
R150	Resistor-220R-0W4-1-metal film	59-12202002
R151	Resistor-10k-0W4-1-metal film	59-10105002
R152	Resistor-3k3-0W4-1-metal film	59-10334002
R153	Resistor-22k-0W4-1-metal film	59-10225002
R154	Resistor-68k-0W4-1-metal film	59-10685002
R155	Resistor-2k2-0W4-1-metal film	59-10224002
R156	Resistor-560R-0W4-1-metal film	59-15602002
R158	Resistor-100k-0W4-1-metal film	59-11005002
R159	Resistor-2k2-0W4-1-metal film	59-10224002
R160	Resistor-270R-0W4-1-metal film	59-12702002
R161	Therm-150-232264226151	53-81501005
R162	Resistor-100k-0W4-1-metal film	59-11005002
R163	Resistor-150R-0W4-1-metal film	59-11502002
R164	Resistor-150R-0W4-1-metal film	59-11502002
R165	Resistor-4k7-0W4-1-metal film	59-10474002
R166	Resistor-1k-0W4-1-metal film	59-10015002
R167	Resistor-4k7-0W4-1-metal film	59-10474002
R168	Resistor-680R-0W4-1-metal film	59-16802002
R169	Resistor-2k7-0W4-1-metal film	59-10274002
R170	Resistor-5k6-0W4-1-metal film	59-10564002
R171	Resistor-330R-0W4-1-metal film	59-13302002
R172	Resistor-470R-0W4-1-metal film	59-14702002
R173	Resistor-220R-0W4-1-metal film	59-12202002
R174	Resistor-4k7-0W4-1-metal film	59-10474002
R175	Resistor-3k3-0W4-1-metal film	59-10334002
R176	Resistor-220R-0W4-1-metal film	59-12202002
R177	Resistor-68R-0W4-1-metal film	59-10682002
R178	Resistor-150R-0W4-1-metal film	59-11502002
R179	Resistor-150R-0W4-1-metal film	59-11502002
R180	Resistor-4k7-0W4-1-metal film	59-10474002
R181	Resistor-4k7-0W4-1-metal film	59-10474002
R182	Resistor-1k-0W4-1-metal film	59-10015002
R183	Resistor-220R-0W4-1-metal film	59-12202002
R185	Resistor-4k7-0W4-1-metal film	59-10474002
R186	Resistor-10k-0W4-1-metal film	59-10105002
R187	Resistor-3k3-0W4-1-metal film	59-10334002
R188	Resistor-1k-0W4-1-metal film	59-10015002
R189	Resistor-3k3-0W4-1-metal film	59-10334002
R190	Resistor-1k-0W4-1-metal film	59-10015002
R192	Resistor-1k-0W4-1-metal film	59-10015002

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Circuit Reference	Description	Part Number
R193	Resistor-1k-0W4-1-metal film	59-10015002
R194	Resistor-4k7-0W4-1-metal film	59-10474002
R195	Resistor-4k7-0W4-1-metal film	59-10474002
R196	Resistor-1k8-0W4-1-metal film	59-10184002
R197	Resistor-1k2-0W4-1-metal film	59-10124002
R198	Resistor-4k7-0W4-1-metal film	59-10474002
R199	Resistor-5k6-0W4-1-metal film	59-10564002
R200	Resistor-2k2-0W4-1-metal film	59-10224002
R201	Resistor-1k-0W4-1-metal film	59-10015002
R202	Resistor-10k-0W4-1-metal film	59-10105002
R203	Resistor-10k-0W4-1-metal film	59-10105002
R204	Resistor-4k7-0W4-1-metal film	59-10474002
R205	Resistor-10k-0W4-1-metal film	59-10105002
R206	Resistor-22k-0W4-1-metal film	59-10225002
R207	Resistor-68R-0W4-1-metal film	59-10682002
R208	Resistor-560R-0W4-1-metal film	59-15602002
R209	Resistor-10k-0W4-1-metal film	59-10105002
R210	Resistor-47k-0W4-1-metal film	59-10475002
R211	Resistor-3k3-0W4-1-metal film	59-10334002
R212	Resistor-47k-0W4-1-metal film	59-10475002
R213	Resistor-3k3-0W4-1-metal film	59-10334002
R214	Resistor-10k-0W4-1-metal film	59-10105002
R215	Resistor-4k7-0W4-1-metal film	59-10474002
R216	Resistor-100k-0W4-1-metal film	59-11005002
R217	Resistor-680R-0W4-1-metal film	59-16802002
R218	Resistor-47R-0W4-1-metal film	59-10472002
R220	Resistor-10R-0W4-1-metal film	59-10102002
R221	Resistor-10R-0W4-1-metal film	59-10102002
R222	Not fitted	
R223	Not fitted	
R224	Not fitted	
R225	Not fitted	
R227	Resistor-10k-0W4-1-metal film	59-10105002
R228	Resistor-4k7-0W4-1-metal film	59-10474002
R229	Resistor-10R-0W4-1-metal film	59-10102002
R230	Resistor-10R-0W4-1-metal film	59-10102002
RN1	Resistor-100k-1W50-2-network	59-81005002
RV1	Potentiometer-PCB-LN-CRMT-10k-horizontal	53-51003205
RV2	Potentiometer-PCB-LN-CRMT-10k-horizontal	53-51003205
RV4	Potentiometer-PCB-LN-CRMT-500k-horizontal	53-54704205
RV5	Potentiometer-PCB-LN-CRMT-100k-horizontal	53-51004205
RV6	Potentiometer-PCB-LN-CRMT-500k-horizontal	53-54704205
RV7	Potentiometer-PCB-LN-CRMT-50K-horizontal	53-50504205
RV8	Potentiometer-PCB-LN-CRMT-10k-vertical	53-30104205
RV9	Potentiometer-PCB-LN-CRMT-10k-vertical	53-30104205
RV10	Potentiometer-PCB-LN-CRMT-10k-horizontal	53-51003205

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Circuit Reference	Description	Part Number
CAPACITORS		
C1	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C2	Ceramic-1nF-100V-MN-PLT	14-03103301
C3	Ceramic-1nF-100V-MN-PLT	14-03103301
C4	Ceramic-1nF-100V-MN-PLT	14-03103301
C5	Ceramic-1.8pF-100V-MN-PLT	14-03180301
C6	Ceramic-1nF-100V-MN-PLT	14-03103301
C7	Tantalum-2.2 μ F-35V	14-36226101
C8	Ceramic-10nF-63V-MN-PLT	14-03104201
C9	Ceramic-22pF-100V-MN-PLT	14-03221301
C10	Ceramic-47pF-100V-MN-PLT	14-03471300
C11	Ceramic-68pF-100V-MN-PLT	14-03681301
C12	Ceramic-68pF-100V-MN-PLT	14-03681301
C13	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C14	Ceramic-100pF-100V-MN-PLT	14-03102301
C15	Ceramic-68pF-100V-MN-PLT	14-03681301
C16	Ceramic-47pF-100V-MN-PLT	14-03471300
C17	Ceramic-1nF-100V-MN-PLT	14-03103301
C18	Ceramic-1nF-100V-MN-PLT	14-03103301
C19	Ceramic-1nF-100V-MN-PLT	14-03103301
C20	Ceramic-1nF-100V-MN-PLT	14-03103301
C25	Tantalum-2.2 μ F-35V	14-36226101
C27	Ceramic-10nF-63V-MN-PLT	14-03104201
C28	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C31	Ceramic-1nF-100V-MN-PLT	14-03103301
C32	Tantalum-0.47 μ F-35V	14-36472100
C33	Ceramic-1nF-100V-MN-PLT	14-03103301
C34	Ceramic-1nF-100V-MN-PLT	14-03103301
C35	Ceramic-1nF-100V-MN-PLT	14-03103301
C36	Ceramic-1nF-100V-MN-PLT	14-03103301
C37	Ceramic-15pF-100V-MN-PLT	14-03151301
C39	Ceramic-10nF-63V-MN-PLT	14-03104201
C40	Ceramic-10nF-63V-MN-PLT	14-03104201
C41	Ceramic-10nF-63V-MN-PLT	14-03104201
C42	Ceramic-15pF-100V-MN-PLT	14-03151301
C43	Ceramic-15pF-100V-MN-PLT	14-03151301
C45	Ceramic-15pF-100V-MN-PLT	14-03151301
C46	Ceramic-15pF-100V-MN-PLT	14-03151301
C48	Ceramic-1nF-100V-MN-PLT	14-03103301
C49	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C50	Ceramic-10nF-63V-MN-PLT	14-03104201
C51	Ceramic-220pF-100V-MN-PLT	14-03222300
C52	Ceramic-220pF-100V-MN-PLT	14-03222300
C53	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C54	Ceramic-18pF-100V-MN-PLT	14-03181300

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Circuit Reference	Description	Part Number
C55	Ceramic-8.2pF-100V-MN-PLT	14-03820301
C56	Ceramic-10nF-63V-MN-PLT	14-03104201
C57	Ceramic-10nF-63V-MN-PLT	14-03104201
C58	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C59	Ceramic-47pF-100V-MN-PLT	14-03471300
C60	Electrolytic-47 μ F-50V-vertical	14-06477200
C61	Ceramic-68pF-100V-MN-PLT	14-03681301
C62	Ceramic-100pF-100V-MN-PLT	14-03102301
C63	Mixed-47nF-63V-SB-MIN	14-21474200
C64	Mixed-47nF-63V-SB-MIN	14-21474200
C65	Mixed-0.22 μ F-63V-PLYEST	14-21225200
C66	Mixed-0.22 μ F-63V-PLYEST	14-21225200
C67	Tantalum-2.2 μ F-35V	14-36226101
C68	Ceramic-1nF-100V-MN-PLT	14-03103301
C69	Ceramic-1nF-100V-MN-PLT	14-03103301
C70	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C71	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C72	Ceramic-1nF-100V-MN-PLT	14-03103301
C73	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C74	Mixed-0.22 μ F-63V-PLYEST	14-21225200
C75	Mixed-0.22 μ F-63V-PLYEST	14-21225200
C76	Tantalum-2.2 μ F-35V	14-36226101
C77	Electrolytic-47 μ F-50V-VER	14-06477200
C78	Mixed-47nF-63V-SB-MIN	14-21474200
C79	Mixed-47nF-63V-SB-MIN	14-21474200
C80	Tantalum-2.2 μ F-35V	14-36226101
C81	Tantalum-10 μ F-16V	14-36107100
C82	Mixed-47nF-63V-SB-MIN	14-21474200
C83	Tantalum-2.2 μ F-35V	14-36226101
C84	Tantalum-2.2 μ F-35V	14-36226101
C85	Tantalum-2.2 μ F-35V	14-36226101
C86	Tantalum-2.2 μ F-35V	14-36226101
C87	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C88	Mixed-0.01 μ F-63V-PLYEST	14-21104302
C89	Mixed-0.01 μ F-63V-PLYEST	14-21104302
C90	Mixed-0.22 μ F-63V-PLYEST	14-21225200
C91	Tantalum-1 μ F-35V	14-36106100
C92	Mixed-0.01 μ F-63V-PLYEST	14-21104302
C93	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C94	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C95	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C96	Mixed-68nF-63V-SB-MIN	14-21684200
C97	Mixed-6.8nF-63V-SB-MIN	14-21683300
C98	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C99	Mixed-0.01 μ F-63V-PLYEST	14-21104302
C100	Mixed-0.01 μ F-63V-PLYEST	14-21104302

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Circuit Reference	Description	Part Number
C101	Mixed-0.01 μ F-63V-PLYEST	14-21104302
C102	Mixed-47nF-63V-SB-MIN	14-21474200
C103	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C104	Mixed-0.1F-63V-PLYEST	14-21105200
C105	Tantalum-10 μ F-16V	14-36107100
C106	Ceramic-10nF-63V-MN-PLT	14-03104201
C107	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C108	Ceramic-10nF-63V-MN-PLT	14-03104201
C109	Ceramic-10nF-63V-MN-PLT	14-03104201
C111	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C115	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C119	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C122	Tantalum-2.2 μ F-35V	14-36226101
C123	Tantalum-2.2 μ F-35V	14-36226101
C124	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C126	Ceramic-12pF-100V-MN-PLT	14-03121301
C127	Tantalum-22 μ F-16V	14-36227108
C128	Tantalum-2.2 μ F-35V	14-36226101
C130	Electrolytic-100 μ F-40V	14-06108111
C131	Electrolytic-330 μ F-50V	14-06338200
C132	Ceramic-150pF-100V-MN-PLT	14-03152300
C133	Ceramic-1nF-100V-MN-PLT	14-03103301
C134	Ceramic-1nF-100V-MN-PLT	14-03103301
C135	Electrolytic-1000 μ F-10V-20% VERT	14-06109122
C136	Electrolytic-330 μ F-50V	14-06338200
C138	Ceramic-22pF-100V-MN-PLT	14-03221301
C139	Ceramic-1nF-100V-MN-PLT	14-03103301
C140	Ceramic-10nF-63V-MN-PLT	14-03104201
C141	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C142	Ceramic-22pF-100V-MN-PLT	14-03221301
C143	Ceramic-22pF-100V-MN-PLT	14-03221301
C144	Ceramic-18pF-100V-MN-PLT	14-03181300
C145	Ceramic-15pF-100V-MN-PLT	14-03151301
C146	Ceramic-22pF-100V-MN-PLT	14-03221301
C147	Ceramic-1nF-100V-MN-PLT	14-03103301
C148	Ceramic-1nF-100V-MN-PLT	14-03103301
C149	Ceramic-1nF-100V-MN-PLT	14-03103301
C150	Ceramic-1nF-100V-MN-PLT	14-03103301
C151	Ceramic-6.8pF-100V-MN-PLT	14-03680301
C152	Ceramic-1nF-100V-MN-PLT	14-03103301
C153	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C154	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C156	Ceramic-1nF-100V-MN-PLT	14-03103301
C157	Ceramic-1nF-100V-MN-PLT	14-03103301
C158	Ceramic-1nF-100V-MN-PLT	14-03103301
C159	Ceramic-1nF-100V-MN-PLT	14-03103301

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Circuit Reference	Description	Part Number
C160	Ceramic-1nF-100V-MN-PLT	14-03103301
C161	Ceramic-1nF-100V-MN-PLT	14-03103301
C162	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C163	Ceramic-10nF-63V-MN-PLT	14-03104201
C164	Ceramic-10nF-63V-MN-PLT	14-03104201
C165	Ceramic-1nF-100V-MN-PLT	14-03103301
C166	Ceramic-10nF-63V-MN-PLT	14-03104201
C167	Ceramic-1nF-100V-MN-PLT	14-03103301
C168	Ceramic-1nF-100V-MN-PLT	14-03103301
C169	Ceramic-1nF-100V-MN-PLT	14-03103301
C170	Ceramic-1nF-100V-MN-PLT	14-03103301
C171	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C173	Ceramic-22pF-100V-MN-PLT	14-03221301
C174	Ceramic-10nF-63V-MN-PLT	14-03104201
C175	Ceramic-10nF-63V-MN-PLT	14-03104201
C176	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C177	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C178	Ceramic-1nF-100V-MN-PLT	14-03103301
C179	Ceramic-1nF-100V-MN-PLT	14-03103301
C180	Ceramic-1nF-100V-MN-PLT	14-03103301
C181	Ceramic-1nF-100V-MN-PLT	14-03103301
C182	Ceramic-1nF-100V-MN-PLT	14-03103301
C183	Ceramic-10nF-63V-MN-PLT	14-03104201
C190	Ceramic-470pF-50V-chip	14-03472302
C191	Ceramic-470pF-50V-chip	14-03472302
C192	Ceramic-470pF-50V-chip	14-03472302
C193	Ceramic-470pF-50V-chip	14-03472302
C194	Ceramic-470pF-50V-chip	14-03472302
C195	Ceramic-470pF-50V-chip	14-03472302
C196	Ceramic-470pF-50V-chip	14-03472302
C197	Ceramic-470pF-50V-chip	14-03472302
C198	Ceramic-470pF-50V-chip	14-03472302
C199	Ceramic-470pF-50V-chip	14-03472302
C200	Ceramic-470pF-50V-chip	14-03472302
C201	Ceramic-470pF-50V-chip	14-03472302
C202	Ceramic-470pF-50V-chip	14-03472302
C203	Ceramic-470pF-50V-chip	14-03472302
C204	Ceramic-470pF-50V-chip	14-03472302
C205	Ceramic-470pF-50V-chip	14-03472302
C206	Ceramic-470pF-50V-chip	14-03472302
C207	Ceramic-470pF-50V-chip	14-03472302
C208	Ceramic-470pF-50V-chip	14-03472302
C209	Ceramic-470pF-50V-chip	14-03472302
TC2	Capacitor-VAR-5.5-65P-PLYPRP	15-43065300
TC3	Capacitor-VAR-1.8-10P-PTFE	15-33100300
TC1	Capacitor-VAR-15-22P-PLYPRP	15-43022300

Assembly: GUARD RECEIVER MODULE
Part No: 68-30600021

Circuit Reference	Description	Part Number
SEMICONDUCTORS		
D1	Diode BA479	61-00400379
D2	Diode BA479	61-00400379
D3	Diode BA479	61-00400379
D4	Diode BA479	61-00400379
D10	Diode 1N4148	61-00104148
D11	Diode 1N4148	61-00104148
D12	Diode 1N4148	61-00104148
D13	Diode 1N4148	61-00104148
D14	Diode 1N4148	61-00104148
D15	Diode BZX55C2V7	61-00202705
D16	Diode 1N4148	61-00104148
D18	Diode 1N4148	61-00104148
D19	Diode 1N4148	61-00104148
D20	Diode BZX55C5V6	61-00205604
D21	Diode BA479	61-00400379
D22	Diode BA479	61-00400379
D23	Diode BA479	61-00400379
D24	Diode BZX55C6V2	61-00206205
D25	Diode BZY88C8V2	61-00208205
D26	Diode BA479	61-00400379
D27	Diode BA479	61-00400379
D28	Diode 1N4148	61-00104148
D29	Diode 1N4148	61-00104148
D30	Diode BZX55C5V6	61-00205604
D31	Diode 1N4148	61-00104148
IC1	Integrated circuit 4051	61-12004051
IC2	IC-TDA1072A-AM detector	61-12011072
IC3	IC-TDA1072A-AM detector	61-12011072
IC4	Integrated circuit CA3240	61-12003240
IC5	Integrated circuit CA3240	61-12003240
IC6	Integrated circuit CA3240	61-12003240
IC7	Integrated circuit 4066	61-12004066
IC8	Integrated circuit CA3240	61-12003240
IC9	Integrated circuit CA3240	61-12003240
IC10	Integrated circuit CA1458G	61-12001458
IC11	Integrated circuit CA1458G	61-12001458
IC12	IC-74C906-non inverting buffer	61-12074906
IC13	IC-PCF8574P-I ² C I/O expander	61-12008574
IC14	IC-74C906-non-inverting buffer	61-12074906
IC15	IC-PCF8574AP I ² C I/O expander	61-12108574
IC16	Integrated circuit 4051	61-12004051
IC18	Integrated circuit CA3240	61-12003240
IC19	Integrated circuit 74AS04	61-12107404
IC20	Integrated circuit CA3240	61-12003240

Assembly: GUARD RECEIVER MODULE
Part No: 68-30600021

Circuit Reference	Description	Part Number
IC21	IC-MC78L05ABP ext temp	61-12178105
IC22	IC-PCF8574AP I ² C I/O expander	61-12108574
TR1	Transistor BC182	61-04120182
TR2	Transistor BFR90	61-04420090
TR3	Transistor ZTX650	61-04220650
TR4	Transistor VN10KM	61-08000010
TR5	Transistor BC182	61-04120182
TR6	Transistor BC182	61-04120182
TR7	Transistor BF960	61-08000960
TR8	Transistor U430	61-08000430
TR9	Transistor BF960	61-08000960
TR10	Transistor J310	61-08000310
TR11	Transistor J175	61-08000175
TR12	Transistor BC182	61-04120182
TR13	Transistor BC182	61-04120182
TR14	Transistor J310	61-08000310
TR15	MOSFET-CF300-N chan amp	61-08001300
TR16	Transistor BFT66	61-04420066
TR17	Transistor BFY 90	61-04420325
TR18	Transistor MRF581A NPN	61-04420581
TR19	Transistor BFT66	61-04420066
TR20	Transistor BFY 90	61-04420325
TR21	Transistor MRF581A NPN	61-04420581
TR22	Transistor ZTX650	61-04220650
TR23	Transistor ZTX650	61-04220650
TR24	Transistor ZTX650	61-04220650
TR25	Transistor ZTX650	61-04220650
TR26	Transistor BC182	61-04120182
TR27	Transistor BC182	61-04120182
TR28	Transistor BC182	61-04120182

CONNECTORS

J1	Plug-03-PCMT-ERG-MIN	20-01030302
J2	Plug-03-PCMT-ERG-MIN	20-01030302
	Socket-FR-S-RG316-A-D-41612	19-02060101
	Jumper-02-way	20-02020101
CN1	Plug-60-PCMT-01A-A-41612	20-01640302
CN2	Plug-64-PCMT-01A-A-edge	20-01640300

METALWORK

Screen lid (4.5 x 2.7)	45-00002795
Screen (4.5 X 2.7) top	45-00027961
Screen (4.5 X 2.7) bottom	45-00027962
Box fixing bracket	45-26002516

Assembly: GUARD RECEIVER MODULE
Part No: 68-30600021

Circuit Reference	Description	Part Number
	Module chassis Guard Receiver	45-2835279
MISCELLANEOUS		
XL1	Xtal-OVER-SER-40.50 MHz	22-15213002
XL2	Xtal-OVER-SER-33.3667 MHz	22-15213005
XL3	Xtal-FUND-SER-20.45 MHz	22-15113001
XL4	Xtal-OVER-SER-73.8667 MHz	22-15213004
	Potentiometer hole plug	02-02202590
	PCB test point terminal	02-12000001
	RF-gasket-4.5X2.7 box	02-28002800
	Cable-S RIG-50 ohms-0.056	10-05112100
	PCB-3060-Rx Guard	55-00000507
	L1 Xtal filter T24A04J	27-30001296
FL2	Helical-243 MHz-2 section	27-52002430
FL3	Helical-243 MHz-3 section	27-53002430
FL4	Helical-221 MHz-2 section	27-52002216
FL5	DC-supply filter	27-40000202
FL6	DC-supply filter	27-40000202
RLB	Relay-coax-12V-10W-P-SPCO	57-11110154
	Core 9R-1013-92-S	79-03000005
	Coil CAN 73-019-93	79-06000005
	Sub min ferrite bead	79-08000009
	Core 9R-1013-92-S	79-03000005
	SML NEOSID ferrite bead	79-08000008
L1	Choke 10 μ H SC30	79-01000013
L2	Sub min wideband xformer	79-10000005
L3	Sub min wideband xformer	79-10000005
L4	32SWG EN. wire 10.75T ON FMR	79-10000085
L5	Choke 10 μ H SC30	79-01000013
L6	Coil S18 2.1/2T 301AN020	79-09120013
L7	Choke 10 μ H SC30	79-01000013
L8	RF Coil 3.5T 301SN-0300	79-09120011
L9	RF Coil 3.5T 301SN-0300	79-09120011
L10	RF Coil 3.5T 301SN-0300	79-09120011
L11	RF Coil 3.5T 301SN-0300	79-09120011
L12	RF Coil 3.5T 301SN-0300	79-09120011
L13	Choke 10 μ H SC30	79-01000013
L14	Choke 1 μ 5H SC30	79-01000003
L15	Choke 1 μ 5H SC30	79-01000003
L16	Choke 1 μ H SC30	79-01000002
L17	Inductor PC MTG 56 μ H	79-01000026
L18	Choke 7mH	79-01000012
L19	Inductor PC MTG 56 μ H	79-01000026
L20	Inductor 47mH 10RB181LY	79-01000022
L21	Inductor 47mH 10RB181LY	79-01000022

Assembly: GUARD RECEIVER MODULE
Part No: 68-30600021

Circuit Reference	Description	Part Number
L26	RF Coil 3.5T 301SN-0300	79-09120011
L27	RF Coil 3.5T 301SN-0300	79-09120011
L28	RF Coil 3.5T 301SN-0300	79-09120011
L29	Choke 10 μ H SC30	79-01000013
L30	Choke 10 μ H SC30	79-01000013
L32	VHF Coil 301-AN-0300	79-09120015
L33	Choke 10 μ H SC30	79-01000013
L34	Choke 10 μ H SC30	79-01000013
L35	Choke 10 μ H SC30	79-01000013
L36	RF Coil 3.5T 301SN-0300	79-09120011
T1	5000 VCO transformer	79-10000093
T3	Wideband transformer	79-10000004
T4	35SWG red/green E. wire and 30SWG brown	79-11000071
T5	IF Coil KANK3335R	79-02000010
T6	Coil-IF-92T-180 μ H-RED	79-02000015
T7	38SWG red/green & brown 2.75T	79-11000072
T8	Audio-PR-600-SC-600-PCMT	73-02217797

11 REMOTE CONTROL

Assembly: REMOTE CONTROL MODULE

Part No: 68-30600033

Circuit Reference	Description	Part Number
RESISTORS		
R1	Resistor-4k7-0W4-1%-metal film	59-10474002
R2	Resistor-10k-0W4-1%-metal film	59-10105002
R3	Resistor-10k-0W4-1%-metal film	59-10105002
R8	Resistor-10k-0W4-1%-metal film	59-10105002
R9	Resistor-47k-0W4-1%-metal film	59-10475002
R16	Resistor-100k-0W4-1%-metal film	59-11005002
R17	Resistor-22k-0W4-1%-metal film	59-10225002
R18	Resistor-100k-0W4-1%-metal film	59-11005002
R19	Resistor-22k-0W4-1%-metal film	59-10225002
R23	Resistor-22k-0W4-1%-metal film	59-10225002
R24	Resistor-10k-0W4-1%-metal film	59-10105002
R25	Resistor-56k-0W4-1%-metal film	59-10565002
R26	Resistor-10k-0W4-1%-metal film	59-10105002
R27	Resistor-22k-0W4-1%-metal film	59-10225002
R29	Resistor-10k-0W4-1%-metal film	59-10105002
R31	Resistor-22k-0W4-1%-metal film	59-10225002
R33	Resistor-1k-0W4-1%-metal film	59-10015002
R34	Resistor-1k-0W4-1%-metal film	59-10015002
R35	Resistor-1k-0W4-1%-metal film	59-10015002
R36	Resistor-1k-0W4-1%-metal film	59-10015002
R37	Resistor-1k-0W4-1%-metal film	59-10015002
R38	Resistor-1k-0W4-1%-metal film	59-10015002
R39	Resistor-10k-0W4-1%-metal film	59-10105002
R40	Resistor-10k-0W4-1%-metal film	59-10105002
R41	Resistor-10k-0W4-1%-metal film	59-10105002
R42	Resistor-10k-0W4-1%-metal film	59-10105002
R43	Resistor-10k-0W4-1%-metal film	59-10105002
R44	Resistor-10k-0W4-1%-metal film	59-10105002
R45	Resistor-100k-0W4-1%-metal film	59-11005002
R46	Resistor-2k7-0W4-1%-metal film	59-10274002
R47	Resistor-3k3-0W4-1%-metal film	59-10334002
R48	Resistor-150-0W4-1%-metal film	59-11502002
R49	Resistor-100k-0W4-1%-metal film	59-11005002
R50	Resistor-100R-0W4-1%-metal film	59-11002002
R51	Resistor-56k-0W4-1%-metal film	59-10565002
R52	Resistor-150-0W4-1%-metal film	59-11502002
R53	Resistor-33k-0W4-1%-metal film	59-10335002
R54	Resistor-33k-0W4-1%-metal film	59-10335002
R55	Resistor-22k-0W4-1%-metal film	59-10225002
R56	Resistor-39k-0W4-1%-metal film	59-10395002
R57	Resistor-100k-0W4-1%-metal film	59-11005002
R58	Resistor-10k-0W4-1%-metal film	59-10105002

Assembly: REMOTE CONTROL MODULE
Part No: 68-30600033

Circuit Reference	Description	Part Number
R59	Resistor-10k-0W4-1%-metal film	59-10105002
R60	Resistor-10k-0W4-1%-metal film	59-10105002
R61	Resistor-47k-0W4-1%-metal film	59-10475002
R62	Resistor-100k-0W4-1%-metal film	59-11005002
R64	Resistor-10k-0W4-1%-metal film	59-10105002
R65	Resistor-10k-0W4-1%-metal film	59-10105002
R66	Resistor-100k-0W4-1%-metal film	59-11005002
R67	Resistor-10k-0W4-1%-metal film	59-10105002
R68	Resistor-100k-0W4-1%-metal film	59-11005002
R69	Resistor-100k-0W4-1%-metal film	59-11005002
R70	Resistor-1k-0W4-1%-metal film	59-10015002
R71	Resistor-10k-0W4-1%-metal film	59-10105002
R72	Resistor-22k-0W4-1%-metal film	59-10225002
R73	Resistor-22k-0W4-1%-metal film	59-10225002
R75	Resistor-100k-0W4-1%-metal film	59-11005002
R76	Resistor-10k-0W4-1%-metal film	59-10105002
R77	Resistor-1k-0W4-1%-metal film	59-10015002
R78	Resistor-100k-0W4-1%-metal film	59-11005002
R79	Resistor-100k-0W4-1%-metal film	59-11005002
R80	Resistor-100k-0W4-1%-metal film	59-11005002
R81	Resistor-39k-0W4-1%-metal film	59-10395002
R82	Resistor-1k-0W4-1%-metal film	59-10015002
R83	Resistor-3k3-0W4-1%-metal film	59-10334002
R84	Resistor-100k-0W4-1%-metal film	59-11005002
R85	Resistor-100k-0W4-1%-metal film	59-11005002
R86	Resistor-100k-0W4-1%-metal film	59-11005002
R87	Resistor-100k-0W4-1%-metal film	59-11005002
R88	Resistor-4k7-0W4-1%-metal film	59-10474002
R89	Resistor-1M-0W4-1-metal film	59-10018002
R90	Resistor-560R-0W4-1%-metal film	59-15602002
R91	Resistor-2k7-0W4-1%-metal film	59-10274002
R92	Resistor-68k-0W4-1%-metal film	59-10685002
R93	Resistor-10k-0W4-1%-metal film	59-10105002
R94	Resistor-10k-0W4-1%-metal film	59-10105002
R95	Resistor-3k3-0W4-1%-metal film	59-10334002
R96	Resistor-2k2-0W4-1%-metal film	59-10224002
R97	Resistor-2k2-0W4-1%-metal film	59-10224002
R98	Resistor-2k2-0W4-1%-metal film	59-10224002
R99	Resistor-2k2-0W4-1%-metal film	59-10224002
R100	Resistor-3k3-0W4-1%-metal film	59-10334002
R101	Resistor-2k2-0W4-1%-metal film	59-10224002
R102	Resistor-2k2-0W4-1%-metal film	59-10224002
R103	Resistor-68k-0W4-1%-metal film	59-10685002
R104	Resistor-4k7-0W4-1%-metal film	59-10474002
R105	Resistor-1M-0W4-1-metal film	59-10018002
R106	Resistor-1k-0W4-1%-metal film	59-10015002

Assembly: REMOTE CONTROL MODULE
Part No: 68-30600033

Circuit Reference	Description	Part Number
R107	Resistor-10k-0W4-1%-metal film	59-10105002
R108	Resistor-10k-0W4-1%-metal film	59-10105002
R109	Resistor-10k-0W4-1%-metal film	59-10105002
R110	Resistor-10k-0W4-1%-metal film	59-10105002
R111	Resistor-10k-0W4-1%-metal film	59-10105002
R112	Resistor-150-0W4-1%-metal film	59-11502002
R113	Resistor-150-0W4-1%-metal film	59-11502002
R114	Resistor-100k-0W4-1%-metal film	59-11005002
R115	Resistor-1k-0W4-1%-metal film	59-10015002
R116	Resistor-100k-0W4-1%-metal film	59-11005002
R117	Resistor-39k-0W4-1%-metal film	59-10395002
R118	Resistor-100R-0W4-1%-metal film	59-11002002
R119	Resistor-10k-0W4-1%-metal film	59-10105002
R120	Resistor-10k-0W4-1%-metal film	59-10105002
R121	Resistor-100k-0W4-1%-metal film	59-11005002
R122	Resistor-4k7-0W4-1%-metal film	59-10474002
R123	Resistor-10k-0W4-1%-metal film	59-10105002
R129	Resistor-10k-0W4-1%-metal film	59-10105002
R130	Resistor-47k-0W4-1%-metal film	59-10475002
R131	Resistor-47k-0W4-1%-metal film	59-10475002
R132	Resistor-47k-0W4-1%-metal film	59-10475002
R133	Resistor-47k-0W4-1%-metal film	59-10475002
R135	Resistor-10R-0W4-1%-metal film	59-10102002
R136	Resistor-560R-0W4-1%-metal film	59-15602002
R137	Resistor-22k-0W4-1%-metal film	59-10225002
R138	Resistor-100k-0W4-1%-metal film	59-11005002
R139	Resistor-2k2-0W4-1%-metal film	59-10224002
R140	Resistor-2k2-0W4-1%-metal film	59-10224002
R141	Resistor-2k2-0W4-1%-metal film	59-10224002
R142	Resistor-3k3-0W4-1%-metal film	59-10334002
R143	Resistor-2k2-0W4-1%-metal film	59-10224002
R144	Resistor-2k2-0W4-1%-metal film	59-10224002
R145	Resistor-3k3-0W4-1%-metal film	59-10334002
R146	Resistor-10k-0W4-1%-metal film	59-10105002
R148	Resistor-1k2-0W4-1%-metal film	59-10124002
R149	Resistor-1k2-0W4-1%-metal film	59-10124002
R150	Resistor-10k-0W4-1%-metal film	59-10105002
R151	Resistor-56k-0W4-1%-metal film	59-10565002
R152	Resistor-56k-0W4-1%-metal film	59-10565002
R153	Resistor-220k-0W4-1%-metal film	59-12205002
R154	Resistor-220k-0W4-1%-metal film	59-12205002
R156	Resistor-1k-0W4-1%-metal film	59-10015002
R157	Resistor-10k-0W4-1%-metal film	59-10105002
R158	Resistor-470k-0W4-1%-metal film	59-14705002
R159	Resistor-100k-0W4-1%-metal film	59-11005002

Assembly: REMOTE CONTROL MODULE
Part No: 68-30600033

Circuit Reference	Description	Part Number
R160	Resistor-10k-0W4-1%-metal film	59-10105002
R161	Resistor-47k-0W4-1%-metal film	59-10475002
R162	Resistor-10k-0W4-1%-metal film	59-10105002
R164	Resistor-47k-0W4-1%-metal film	59-10475002
R166	Resistor-47k-0W4-1%-metal film	59-10475002
R167	Resistor-3k3-0W4-1%-metal film	59-10334002
R168	Resistor-10R-0W4-1%-metal film	59-10102002
R169	Resistor-10R-0W4-1%-metal film	59-10102002
R173	Resistor-10R-0W4-1%-metal film	59-10102002
R174	Resistor-10k-0W4-1%-metal film	59-10105002
R175	Resistor-4k7-0W4-1%-metal film	59-10474002
R176	Resistor-47k-0W4-1%-metal film	59-10475002
R177	Resistor-10k-0W4-1%-metal film	59-10105002
R178	Resistor-10k-0W4-1%-metal film	59-10105002
R179	Resistor-10k-0W4-1%-metal film	59-10105002
R181	Resistor-10k-0W4-1%-metal film	59-10105002
R182	Resistor-10k-0W4-1%-metal film	59-10105002
R184	Resistor-10k-0W4-1%-metal film	59-10105002
R185	Resistor-10k-0W4-1%-metal film	59-10105002
R186	Resistor-10k-0W4-1%-metal film	59-10105002
R187	Resistor-10k-0W4-1%-metal film	59-10105002
R188	Resistor-10k-0W4-1%-metal film	59-10105002
R189	Resistor-10k-0W4-1%-metal film	59-10105002
R191	Resistor-10k-0W4-1%-metal film	59-10105002
R192	Resistor-47k-0W4-1%-metal film	59-10475002
R193	Resistor-47k-0W4-1%-metal film	59-10475002
R194	Resistor-47k-0W4-1%-metal film	59-10475002
R195	Resistor-47k-0W4-1%-metal film	59-10475002
R196	Resistor-47k-0W4-1%-metal film	59-10475002
R197	Resistor-47k-0W4-1%-metal film	59-10475002
R198	Resistor-47k-0W4-1%-metal film	59-10475002
R199	Resistor-47k-0W4-1%-metal film	59-10475002
R200	Resistor-47k-0W4-1%-metal film	59-10475002
R201	Resistor-47k-0W4-1%-metal film	59-10475002
R202	Resistor-47k-0W4-1%-metal film	59-10475002
R203	Resistor-47k-0W4-1%-metal film	59-10475002
R204	Resistor-4k7-0W4-1%-metal film	59-10474002
R205	Resistor-10k-0W4-1%-metal film	59-10105002
R206	Resistor-10k-0W4-1%-metal film	59-10105002
R207	Resistor-10k-0W4-1%-metal film	59-10105002
R210	Resistor-4k7-0W4-1%-metal film	59-10474002
R211	Resistor-4k7-0W4-1%-metal film	59-10474002

Assembly: REMOTE CONTROL MODULE
Part No: 68-30600033

Circuit Reference	Description	Part Number
R212	Resistor-22k-0W4-1%-metal film	59-10225002
R213	Resistor-10k-0W4-1%-metal film	59-10105002
R214	Resistor-100k-0W4-1%-metal film	59-11005002
R216	Resistor-4k7-0W4-1%-metal film	59-10474002
R217	Resistor-47k-0W4-1%-metal film	59-10475002
R218	Resistor-10k-0W4-1%-metal film	59-10105002
R219	Resistor-10k-0W4-1%-metal film	59-10105002
R220	Resistor-10k-0W4-1%-metal film	59-10105002
R221	Resistor-47k-0W4-1%-metal film	59-10475002
R223	Resistor-10k-0W4-1%-metal film	59-10105002
R224	Resistor-10k-0W4-1%-metal film	59-10105002
R226	Resistor-4k7-0W4-1%-metal film	59-10474002
R227	Resistor-10k-0W4-1%-metal film	59-10105002
R228	Resistor-47k-0W4-1%-metal film	59-10475002
R229	Resistor-47k-0W4-1%-metal film	59-10475002
R230	Resistor-47k-0W4-1%-metal film	59-10475002
R231	Resistor-47k-0W4-1%-metal film	59-10475002
R232	Resistor-47k-0W4-1%-metal film	59-10475002
R233	Resistor-47k-0W4-1%-metal film	59-10475002
R234	Resistor-47k-0W4-1%-metal film	59-10475002
R235	Resistor-10k-0W4-1%-metal film	59-10105002
R236	Resistor-47k-0W4-1%-metal film	59-10475002
R237	Resistor-47k-0W4-1%-metal film	59-10475002
R238	Resistor-220R-0W4-1%-metal film	59-12202002
R239	Resistor-4k7-0W4-1%-metal film (track side of PCB)	59-10474002
R240	Resistor-4k7-0W4-1%-metal film (track side of PCB)	59-10474002
RV1	Potentiometer-PCB-LN-CRMT-50k-vertical	53-30504205
RV2	Potentiometer-PCB-LN-CRMT-500k-vertical	53-35004205
RV3	Potentiometer-PCB-LN-CRMT-50k-vertical	53-30504205
RV4	Potentiometer-PCB-LN-CRMT-10k-vertical	53-30104205
RV5	Potentiometer-PCB-LN-CRMT-10k-vertical	53-30104205

CAPACITORS

C3	Tantalum-10 μ F-16V	14-36107100
C6	Plastic-1 μ F-63V-10%-MKS2	14-21106200
C7	Tantalum-10 μ F-16V	14-36107100
C8	Tantalum-10 μ F-16V	14-36107100
C9	Ceramic-12pF-100V-MN-PLT	14-03121301
C10	Ceramic-1nF-100V-MN-PLT	14-03103301
C11	Ceramic-1nF-100V-MN-PLT	14-03103301
C12	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C15	Plastic-1 μ F-63V-10%-MKS2	14-21106200
C16	Ceramic-12pF-100V-MN-PLT	14-03121301
C17	Ceramic-12pF-100V-MN-PLT	14-03121301

Assembly: REMOTE CONTROL MODULE
Part No: 68-30600033

Circuit Reference	Description	Part Number
C18	Tantalum-22 μ F-16V	14-36227108
C19	Electrolytic-4.7 μ F	14-06476100
C20	Tantalum-22 μ F-16V	14-36227108
C21	Mixed-22nF-63V-PLYEST	14-21224200
C22	Mixed-4700pF-63V-SB-MIN	14-21473200
C23	Mixed-4700pF-63V-SB-MIN	14-21473200
C24	Mixed-15nF-63V-PLYEST	14-21154200
C25	Tantalum-22 μ F-16V	14-36227108
C26	Tantalum-22 μ F-16V	14-36227108
C27	Mixed-0.01 μ F-63V-PLYEST	14-21104302
C29	Ceramic-1nF-100V-MN-PLT	14-03103301
C30	Electrolytic-100 μ F-25	14-06108100
C31	Ceramic-1nF-100V-MN-PLT	14-03103301
C32	Ceramic-1nF-100V-MN-PLT	14-03103301
C33	Ceramic-1nF-100V-MN-PLT	14-03103301
C34	Ceramic-1nF-100V-MN-PLT	14-03103301
C35	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C36	Ceramic-15pF-100V-MN-PLT	14-03151301
C37	Ceramic-15pF-100V-MN-PLT	14-03151301
C38	Ceramic-1nF-100V-MN-PLT	14-03103301
C39	Tantalum-2.2 μ F-35V	14-36226101
C43	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C44	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C45	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C46	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C47	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C48	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C49	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C50	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C51	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C52	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C53	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C54	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C55	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C56	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C57	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C58	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C59	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C60	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C61	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C62	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C63	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C64	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C65	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C66	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C67	PLYE-2n2-5%-100V-FKS2	14-21223201

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Circuit Reference	Description	Part Number
C68	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C69	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C70	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C71	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C73	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C80	Tantalum-22 μ F-16V	14-36227108
C85	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C89	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C90	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C91	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C93	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C95	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C96	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C97	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C98	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C99	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C100	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C102	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C106	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C107	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C109	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C112	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C113	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C114	Tantalum-10 μ F-16V	14-36107100
C117	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C118	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C119	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C120	Tantalum-10 μ F-16V	14-36107100
C122	Tantalum-2.2 μ F-35V	14-36226101
C123	PLYE-2n2-5%-100V-FKS2	14-21223201
C124	Mixed-0.01 μ F-63V-PLYEST	14-21104302
C125	Mixed-4700pF-63V-SB-MIN	14-21473200
C126	Mixed-15nF-63V-PLYEST	14-21154200
C127	Mixed-22nF-63V-PLYEST	14-21224200
C128	Ceramic-100pF-100V-MN-PLT	14-03102301
C129	Mixed-470nF-63V-SB-MIN	14-21475200
C130	Ceramic-10pF-100V-MN-PLT	14-03101301
C131	Ceramic-27pF-100V-MN-PLT	14-03271301
C133	Tantalum-2.2 μ F-35V	14-36226101
C134	Tantalum-22 μ F-16V	14-36227108
C135	Ceramic-33pF-100V-MN-PLT	14-03331301
C136	Tantalum-22 μ F-16V	14-36227108
C137	Mixed-4700pF-63V-SB-MIN	14-21473200
C138	Tantalum-22 μ F-16V	14-36227108
C140	Mixed-0.1 μ F-63V-PLYEST	14-21105200

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Circuit Reference	Description	Part Number
C141	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C142	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C143	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C144	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C145	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C146	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C147	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C148	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C149	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C150	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C151	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C152	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C153	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C154	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C155	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C156	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C157	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C159	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C160	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C161	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C162	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C163	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C164	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C165	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C166	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C167	Mixed-0.1 μ F-63V-PLYEST	14-21105200
C168	Tantalum-10 μ F-16V	14-36107100
C169	Ceramic-47pF-5%-50V-NPO-120	14-03471201

SEMICONDUCTORS

D1	Diode 1N4004	61-00314004
D2	Diode BZX79C4V7	61-00204704
D3	Diode-surge suppress 2010	61-16002010
D4	Diode 1N4148	61-00104148
D7	Diode 1N4004	61-00314004
D8	Diode 1N4004	61-00314004
D9	Diode 1N4004	61-00314004
D10	Diode 1N4004	61-00314004
D11	Diode BZX79C4V7	61-00204704
D12	Diode 1N4004	61-00314004
D13	Diode 1N4004	61-00314004
D14	Diode-surge suppress 2010	61-16002010
D15	Diode-surge suppress 2010	61-16002010
D16	Diode-surge suppress 2010	61-16002010
D17	Diode-surge suppress 2010	61-16002010

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Circuit Reference	Description	Part Number
D18	Diode-surge suppress 2010	61-16002010
D19	Diode-surge suppress 2010	61-16002010
D20	Diode-surge suppress 2010	61-16002010
D21	Diode 1N4148	61-00104148
D22	Diode-surge suppress 2010	61-16002010
D24	Diode-surge suppress 2010	61-16002010
D25	Diode 1N4148	61-00104148
D26	Diode 1N4148	61-00104148
D27	Diode 1N4148	61-00104148
D28	Diode-surge suppress 2010	61-16002010
IC1	IC-SMT-80C31-micro controller	61-13008031
IC2	Flash EPROM 28F512, 64K x 8	65-00000265
IC3	IC-32K x 8K CMOS RAM	61-12043256
IC4	Integrated circuit-74HCT573	61-12074573
IC5	IC PCD8584P-I ² C bus controller	61-12008584
IC6	IC PCD8584P-I ² C bus controller	61-12008584
IC7	Integrated circuit-74HCT573	61-12074573
IC8	Integrated circuit-74HCT573	61-12074573
IC9	Integrated circuit-74HCT573	61-12074573
IC10	Remote control memory decode GAL	65-00000075
IC11	Remote control PTT GAL	65-00000260
IC12	IC-PCF8574P-I ² C I/O expander	61-12008574
IC14	IC-PCF8574AP I ² C I/O expander	61-12108574
IC15	Integrated circuit 4051	61-12004051
IC16	IC-PCF8574P-I ² C I/O expander	61-12008574
IC17	Integrated circuit 7910-MODEM	61-12007910
IC18	Integrated circuit CA1558E	61-12001558
IC19	Integrated circuit DS3691	61-12003691
IC20	Integrated circuit DS88LS120	61-12088120
IC21	IC-PCF8574AP I ² C I/O expander	61-12108574
IC22	Integrated circuit 74HCT541	61-12174541
IC23	Integrated circuit CA1558E	61-12001558
IC24	Integrated circuit CA1558E	61-12001558
IC25	Integrated circuit CA1558E	61-12001558
IC26	Integrated circuit CA1558E	61-12001558
IC28	Integrated circuit CA1558E	61-12001558
IC29	Opto isolator (single)	61-16307979
IC30	Integrated circuit CA1558E	61-12001558
IC31	Integrated circuit CA1558E	61-12001558
IC32	Integrated circuit 4053	61-12004053
IC33	IC-AD7528KN-8 bit DAC	61-12007528
IC34	Integrated circuit CA1558E	61-12001558
IC35	Integrated circuit CA1558E	61-12001558
IC36	Integrated circuit CA1558E	61-12001558
IC37	Integrated circuit 4051	61-12004051
IC38	Integrated circuit 4051	61-12004051

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Circuit Reference	Description	Part Number
IC39	Integrated circuit 4051	61-12004051
IC40	Integrated circuit 4060	61-12004060
IC41	IC-LM239	61-12000239
IC42	IC-MC79L05ABP ext temp	61-12017905
IC44	Integrated circuit CA1558E	61-12001558
IC45	Integrated circuit CA1558E	61-12001558
IC46	Integrated circuit CA3130	61-12003130
IC47	Integrated circuit-74HCT541	61-12174541
IC48	Integrated circuit CA1558E	61-12001558
IC49	Integrated circuit-74HCT541	61-12174541
TR1	Transistor BC184	61-04120184
TR2	Transistor MPSA43	61-04220043
TR3	Transistor ZTX653	61-04220653
TR6	Transistor BC212	61-04110212
TR7	Transistor BC182	61-04120182
TR8	Transistor BC182	61-04120182
TR10	Transistor BC182	61-04120182
TR11	Transistor ZTX650	61-04220650
TR12	Transistor BC212	61-04110212
TR13	Transistor BC182	61-04120182
TR14	Transistor ZTX653	61-04220653
TR15	Transistor ZTX653	61-04220653
TR16	Transistor ZTX 753	61-04210753
TR17	Transistor BC182	61-04120182
TR18	Transistor BC212	61-04110212
TR19	Transistor BC182	61-04120182
TR20	Transistor ZTX653	61-04220653

CONNECTORS

CN1	Plug-60-PCMT-01A-A-41612	20-01600300
CN2	Plug-64-PCMT-01A-A-edge	20-01640300
CN3	34-way low profile IDC header	20-10340302
J1	Plug-03-PCMT-ERG-MIN	20-01030302
J2	Plug-03-PCMT-ERG-MIN	20-01030302
J3	Plug-03-PCMT-ERG-MIN	20-01030302
J4	Plug-03-PCMT-ERG-MIN	20-01030302
J5	Plug-03-PCMT-ERG-MIN	20-01030302
J6	Plug-03-PCMT-ERG-MIN	20-01030302
J7	Plug-03-PCMT-ERG-MIN	20-01030302
J8	Plug-03-PCMT-ERG-MIN	20-01030302
J9	Plug-03-PCMT-ERG-MIN	20-01030302
J10	Plug-03-PCMT-ERG-MIN	20-01030302
J11	Plug-03-PCMT-ERG-MIN	20-01030302
J12	Plug-03-PCMT-ERG-MIN	20-01030302
J13	Plug-03-PCMT-ERG-MIN	20-01030302

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Circuit Reference	Description	Part Number
	Jumper-02-way	20-02020101
	10-way flex jumper-1" long	10-13101220
MISCELLANEOUS		
T1	Screened audio transformer	73D02002622
T2	Screened audio transformer	73D02002622
T3	Screened audio transformer	73D02002622
T4	Screened audio transformer	73D02002622
T5	Audio 600R 1:1 20Hz-20kHz	73-02003253
T6	Audio 600R 1:1 20Hz-20kHz	73-02003253
T7	Audio 600R 1:1 20Hz-20kHz	73-02003253
XTL1	Osc Module 11.0592MHz TTL tri-stateble	22-40000009
XTL2	Xtal-FUND-MIN-2.4576MHz	22-13123031
XTL3	Xtal-FUND-MIN-3.00MHz	22-13123032
FL1	DC-supply filter	27-40000202
FL2	DC-supply filter	27-40000202
	PCB test point terminal	02-12000001
	IC socket 28-pin	62-05000281
	IC socket 24-pin skinny DIL	62-05017324
	IC socket 44 thru pin PLCC	62-05044000
	IC socket 32-pin	62-05032000
	PCB-3060 remote control	55-00000520
	3060 Remote control module chassis	45-78032793
	Fingerstock 97-500A	02-27232100