



**RT-138F NARROW BAND CONVERSION
MAINTENANCE MANUAL ADDENDUM**

Section 5 Parts List

5.1 General

Since the complete '-050' Audio board Parts List is in the RT-138F Maintenance Manual, it will not be included in this addendum. The Audio board components will remain the same except for the addition of the Daughter board and its associated components and the components changed in the 4 Section 3kHz Low Pass Filter. Wulfsberg Document Number **310-040654-01, Rev. C, Parts List, Daughter Board, RT-138F Audio Board, Narrow Bandwidth.**

Parts List, Daughter Board, RT-138F Audio Board, Narrow Bandwidth

Item	Qty	Part Number	Description	Reference
1	2	106-04104-0047	Cap, .1uF, 50V, Chip, 1206	C1-C2
2	1	120-03393-0002	IC DG441DY Quad SPST Analog Switch	U1
3	2	139-01002-0000	RES 10 K Ohm 1% 1/8W Chip	R1-2
4	1	139-01003-0000	RES 100 K Ohm 1% 1/8W Chip	R5
5	1	139-03322-0000	RES 33.2 K Ohm 1% 1/8W Chip	R4
6	1	139-04992-0000	RES 49.9 K Ohm 1% 1/8WwChip	R3
7	A/R	600-0021-000	Protective Coating	
8	1	108-640654-01	P C Bd, Audio Bd NB Mod	(RT-138/F)
9	A/R	16031-1	28 AWG Wire Wrap Wire	
10	A/R	16022-2	Shrink Sleeve, .063	

3 kHz Low Pass Filter Modifications

1	1	111-00001-0087	5600pf Capacitor 50v 5%	C51
2	2	231-1005-021	10k Resistor 1%	R117,118
3	1	230-04000-224	220k Resistor ¼ Watt	R108
4	1	136-02672-0072	26.7k Resistor 1%	R119



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5.1.1 The following parts will replace the IF filters to narrow band the Main receiver.

Item	Qty	Part Number	Description	Reference
1	2	139-340658-000	Filter, 20 Mhz, 8 pole	FL1, FL2

5.1.2 The following parts will replace the IF filters to narrow band the Guard receiver.

Item	Qty	Part Number	Description	Reference
1	2	139-340683-000	Filter, 16.9 Mhz, 8 pole	FL1, FL2