

Multi-Band Filter – Parts List – Rev D

17 September 2021

Single Board Quad Band Board – Medium Relay

<u>Part</u>	<u>Value</u>	<u>Type</u>
4 – D1 – D4	1N4148 or equivalent	diode
4 – K1 – K4	EC2-12NU or equivalent	relay
4 – NPN	8050 or equivalent	Transistor
1 – PCB		
1 – Set of Cables	Relay control to Arduino A10, A11, A12	
2 – Cable sets for Filter	One 4 pin and one 6 pin cable	
4 – 2.2K	Resistors – frequency independent (total of 5 – 2.2K)	

80 Meter

1 – C2	10p	capacitor
2 – C1, C3	27p	capacitor
2 – L1, L2	DIY7-3.8	inductor

60 Meter IF INSTALLED

1 – C5	2p	capacitor
2 – C4, C6	27p	capacitor
2 – C13, C14	68p	capacitor
2 – L3, L4	DIY7-7	inductor

40 Meter

1 – C5 or C8	2p	capacitor
2 – C4, C6 or C7, C9	27p	capacitor
2 – L3, L4 or L5, L6	DIY7-7	inductor

20 Meter

1 – C8 or C11	2p	capacitor
2 – C7, C10 or C9, C12	12p	capacitor
2 – L5, L6 or L7, L8	DIY7-14	inductor

17/15 Meter

1 – C11	2p	capacitor
2 – C10, C12	12p	capacitor
2 – L7, L8	DIY7-21	inductor

Note: C13 and C14 are only used with 60 Meter filter