



Author: PA3AKE	3-Pole BPF
TITLE: T94-3	
Document Number:	REV: B
Date: 8-3-2011 15:48:25	Sheet: 1/1

T94-3 Board Rev-B Partlist

Part	Value	Package	Description
-Resistors-----			
R1	10K	1206	(Generic Thick Film resistor)
R2	4K7	1206	(Generic Thick Film resistor)
R3	10K	1206	(Generic Thick Film resistor)
R4	4K7	1206	(Generic Thick Film resistor)
-Inductors-----			
L1	-	T94	(T94 toroid. See web-site for info)
L2	-	T94	(T94 toroid. See web-site for info)
L3	-	T94	(T94 toroid. See web-site for info)
-Capacitors-----			
C1	-	Polysterene	(Polysterene capacitor. See web-site for info)
C2	-	Polysterene	(Polysterene capacitor. See web-site for info)
C3	-	Polysterene	(Polysterene capacitor. See web-site for info)
C4	-	Polysterene	(Polysterene capacitor. See web-site for info)
C5	-	Polysterene	(Polysterene capacitor. See web-site for info)
C6	-	Polysterene	(Polysterene capacitor. See web-site for info)
C7	-	Polysterene	(Polysterene capacitor. See web-site for info)
C8	-	Polysterene	(Polysterene capacitor. See web-site for info)
C9	-	Polysterene	(Polysterene capacitor. See web-site for info)
C10	-	Polysterene	(Polysterene capacitor. See web-site for info)
C11	-	Polysterene	(Polysterene capacitor. See web-site for info)
C12	-	Polysterene	(Polysterene capacitor. See web-site for info)
C13	-	Polysterene	(Polysterene capacitor. See web-site for info)
C14	-	Polysterene	(Polysterene capacitor. See web-site for info)
C15	-	Polysterene	(Polysterene capacitor. See web-site for info)
C16	-	Polysterene	(Polysterene capacitor. See web-site for info)
C17	-	Polysterene	(Polysterene capacitor. See web-site for info)
C18	-	Polysterene	(Polysterene capacitor. See web-site for info)
C2A	-	1212	(American Technical Ceramics ATC100-B. See web-site for info)
C3A	-	1212	(American Technical Ceramics ATC100-B. See web-site for info)
C4A	-	1212	(American Technical Ceramics ATC100-B. See web-site for info)
C5A	-	1212	(American Technical Ceramics ATC100-B. See web-site for info)
C7A	-	1212	(American Technical Ceramics ATC100-B. See web-site for info)
C8A	-	1212	(American Technical Ceramics ATC100-B. See web-site for info)
C9A	-	1212	(American Technical Ceramics ATC100-B. See web-site for info)
C10A	-	1212	(American Technical Ceramics ATC100-B. See web-site for info)
C12A	-	1212	(American Technical Ceramics ATC100-B. See web-site for info)
C13A	-	1212	(American Technical Ceramics ATC100-B. See web-site for info)

C14A	-	1212	(American Technical Ceramics ATC100-B. See web-site for info)
C15A	-	1212	(American Technical Ceramics ATC100-B. See web-site for info)
C17A	-	1212	(American Technical Ceramics ATC100-B. See web-site for info)
C18A	-	1212	(American Technical Ceramics ATC100-B. See web-site for info)

C19	100n	1206	(Generic X7R MLCC)
C20	100n	1206	(Generic X7R MLCC)
C21	100n	1206	(Generic X7R MLCC)
C22	100n	1206	(Generic X7R MLCC)
C23	100n	1206	(Generic X7R MLCC)
C24	100n	1206	(Generic X7R MLCC)

-Diodes-----

D1	MMSD4148T1G	SOD123	(ON Semiconductor, Diode Switch, 100V, 200mA)
D2	MMSD4148T1G	SOD123	(ON Semiconductor, Diode Switch, 100V, 200mA)

-Relays-----

RE1	IM06GR	IM06GR-2	(Tyco Electronics, Axicom, Signal Relay, DPDT, 12V)
RE2	IM06GR	IM06GR-2	(Tyco Electronics, Axicom, Signal Relay, DPDT, 12V)

-Connectors-----

JP1	68020-172HLF	2x05	(10pins from FCI, Bergstik Header 72pin Right Angle)
JP2	68020-172HLF	2x05	(10pins from FCI, Bergstik Header 72pin Right Angle)

Note:

Values of filter L's and C's depend on the band; see the web-page of the related BPF.
 Either Polyesterene capacitors or ATC100-B chip capacitors can be used.

T94-3 Rev-B

PA3AKE

08/03/2011





