

Bill of Materials for SoftRock40 receiver

6/27/2005 0:00

Part description

0.1 uF ceramic, 0.1 in lead spacing
10 uF, 16 V, TANT., 0.1 in. lead spacing
47 pF, 0.1 in. lead spacing
100 pF ceramic, 0.1 in. lead spacing
0.047 uF, ceramic, 0.1 in. lead spacing
180 pF, ceramic, 0.1 in. lead spacing
470 pF, ceramic, 0.1 in. lead spacing

Need Used where

9 C1, C4, C5, C9, C10, C14, C16, C17, C24
5 C2, C3, C15, C22, C23
3 C8, C19, C21
2 C6, C7
2 C18, C20
1 C12
2 C11, C13

10, 1/4 W
10k, 1/4 W
2.2k, 1/4 W
330k, 1/4 W
4.99k, 1/4 W
49.9, 1/4 W

5 R2, R10, R11, R14, R15
6 R3, R4, R7, R9, R12, R13
2 R5, R18
2 R6, R8
2 R16, R17
1 R1

0.68 uH, axial lead inductor
1.8 uH, axial lead inductor
T30-2 core, 13T primary wound first with #26 wire
6T secondary wound bifilar on top of primary with #26 wire

1 L1
1 L2
1 T1

Xtal, 28.224 MHz, HC49US case, moud on side
and ground case to square via

1 X1

2N3904, NPN, TO-92 pack
T-1 LED, green

2 Q1, Q2
1 DS1

LT1719CS8, SOIC 8
74AC74, SO14
OPA2228, SOIC 8
FST3126MTC, TSSOP 14, 25 mil lead spacing

1 U1
1 U2
1 U4
1 U3

USB A male pcb mount plug
1/8 inch stereo cable with plug on one end, 3 ft.
RG174U, 4 feet, for antenna connection to board

1
1
1

PCB, SoftRock40 receiver

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