

MicroT2 Parts List

Value	Description	Qty
Resistors		
R37,39,66	10 1/4w 5%	3
R57	18 1/4w 5%	1
R52	22 1/4w 5%	1
R51,60	33 1/4w 5%	2
R43,44,46,48, 54,62,65,67	51 1/4w 5%	8
R47	100 1/4w 5%	1
R59,61	150 1/4w 5%	2
R56,58,63	270 1/4w 5%	3
R5,6	470 1/4w 5%	2
R38,40,53	680 1/4w 5%	3
R64	1k 1/4w 5%	1
R7	2.7k 1/4w 5% Audio gain select resistor. Schematic shows 10k. See article Note E.	1
R55	3.9k 1/4w 5%	1
R3	4.7k 1/4w 5%	1
R32	5.1k 1/4w 5% Article shows 7.5k	1
R1,2,8,9,41,42,49,50, 28,29,30,31,34,35	10k 1/4w 5%	14
R4	33k 1/4w 5%	1
R45	100k 1/4w 5%	1
R33,36	10k trimpot Article shows 5k	2
R10	1.50k 1/4w 1% Article shows 1.52k	1
R12	5.23k 1/4w 1%	1
R11,13,14,15,17,19, 20,21,23,25,26,27	10.0k 1/4w 1%	12
R16	11.3k 1/4w 1%	1
R18	23.2k 1/4w 1%	1
R22	51.1k 1/4w 1%	1
R24	178k 1/4w 1%	1
Capacitors		
C42	50 pf Variable cap – off board mounting	1
C25	39 pf SMT	1
C21	36 pf trimmer (50 pf max trimmer supplied)	1
C20	56 pf NP0 ceramic	1
C40,41	220 pf NP0 ceramic	2
C24,30,31	390 pf NP0 ceramic	3

C19	470 pf NP0 ceramic	1
C43	.01 uF ceramic	1
C2,3,4,6,17,18,22,23, 33,35,36,37,38,39	0.10 uF 5% Polyester	14
C8,9,10,11,12,13	10 nf (.01 uF) Polyester matched to 1%	6
C5	0.22 uF 5% Polyester	1
C26,27,28,29	0.82 uF 5% Polyester	4
C1,7	10 uF 16v electrolytic	2
C15,16,32,34	33 uF 16v electrolytic	4
C14	100 uF 16v electrolytic	1
Transistors		
Q1,2,3,4,5	2N3904	5
Q6	J310	1
Diodes		
D1	4.7v zener	1
D2	1N4148	1
Inductors		
L1,2	33mH	2
L3	40t #30 T37-2	1
L4,5	3.9 mh (<i>Black dot on top of inductor</i>)	2
L6	22t #28 T30-2	1
T1	17t bifilar #28 T37-2	1
T2	5t #28 trifilar FT23-43	1
T3	7t #28 bifilar FT23-43	1
RFC1,2	15 uH molded RF Choke	2
Integrated Circuits		
U1,2,3,4,5	NE5532 or equiv.	5
U6	LM7806 or equiv.	1
Mixers		
Mx1,2	TUF-3	2
Misc		
W1-10, JP1,2, etc	2 pin headers (use is optional)	13
J2	3 pin header (use is optional)	1
	2 pin sockets to mate with headers	10
JP1,2, W7	Shorting/jumper block	3