

REF DESIG PREFIX A12A1

REF DESIG	DESCRIPTION	QTY. PER ASSY.	MANUFACTURER'S PART NO.	MFR. CODE
Q4	TRANSISTOR	1	2N3251	80131
Q5	TRANSISTOR	1	2N404	80131
R1	RESISTOR, FIXED, COMPOSITION: 5.6 k Ω , 5%, 1/4W	2	RCR07G562JS	81349
R2	RESISTOR, FIXED, COMPOSITION: 1 k Ω , 5%, 1/4W	9	RCR07G102JS	81349
R3	RESISTOR, FIXED, COMPOSITION: 15 k Ω , 5%, 1/4W	4	RCR07G153JS	81349
R4	RESISTOR, FIXED, COMPOSITION: 4.7 k Ω , 5%, 1/4W	3	RCR07G472JS	81349
R5	Same as R2			
R6	RESISTOR, FIXED, COMPOSITION: 47 Ω , 5%, 1/4W	3	RCR07G470JS	81349
R7	RESISTOR, FIXED, COMPOSITION: 15 Ω , 5%, 1/4W	1	RCR07G150JS	81349
R8	Same as R2			
R9	RESISTOR, FIXED, COMPOSITION: 3.3 k Ω , 5%, 1/4W	4	RCR07G332JS	81349
R10	Same as R2			
R11	Same as R3			
R12	Same as R2			
R13	Same as R6			
R14	Same as R2			
R15	Same as R9			
R16	Same as R2			
R17	Same as R3			
R18	Same as R4			
R19	Same as R2			
R20	Same as R6			
R21	Same as R2			
R22	Same as R9			
R23	Same as R4			
R24	RESISTOR, FIXED, COMPOSITION: 33 k Ω , 5%, 1/4W	1	RCR07G333JS	81349
R25	RESISTOR, FIXED, COMPOSITION: 39 k Ω , 5%, 1/4W	1	RCR07G393JS	81349
R26	Same as R9			
R27	RESISTOR, FIXED, COMPOSITION: 330 Ω , 5%, 1/4W	1	RCR07G331JS	81349
R28	RESISTOR, FIXED, COMPOSITION: 68 Ω , 5%, 1/4W	1	RCR07G680JS	81349
R29	RESISTOR, FIXED, COMPOSITION: 10 k Ω , 5%, 1/4W	1	RCR07G103JS	81349
R30	Same as R3			
R31	RESISTOR, FIXED, COMPOSITION: 8.2 k Ω , 5%, 1/4W	1	RCR07G822JS	81349
R32	Same as R1			
R33	RESISTOR, FIXED, COMPOSITION: 39 Ω , 5%, 1/4W	1	RCR07G390JS	81349

REF DESIG PREFIX A12A2

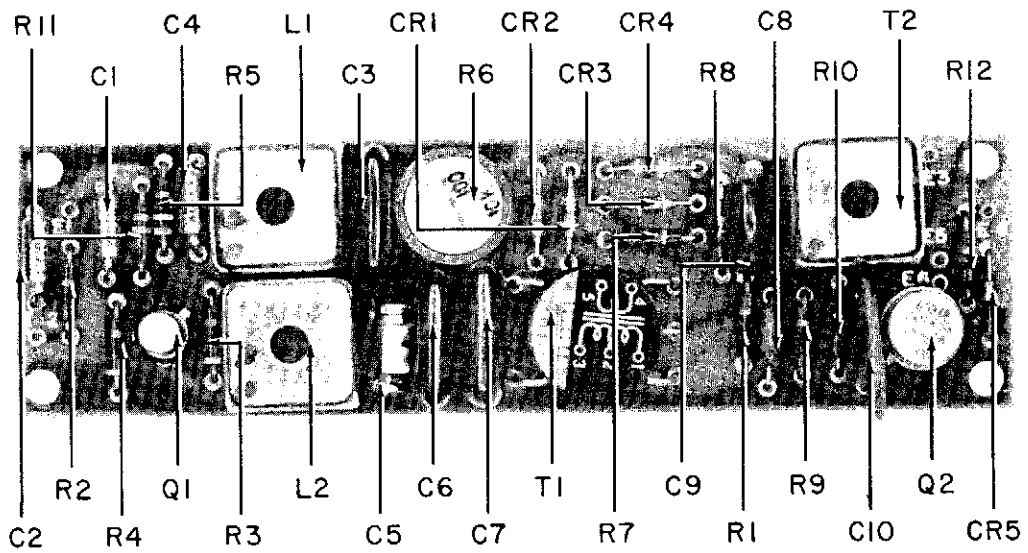


Figure 5-31. Part 13635 20 kHz IF Amplifier and Noise Gate,
Component Locations

5.4.13.2 Part 13635 20 KC IF Amplifier and Noise Gate

REF DESIG PREFIX A12A2

REF DESIG	DESCRIPTION	QTY. PER ASSY.	MANUFACTURER'S PART NO.	MFR. CODE
C1	CAPACITOR, ELECTROLYTIC, TANTALUM: .1 μ F, 10%, 35V	1	150D104X9035A2	56289
C2	CAPACITOR, ELECTROLYTIC, TANTALUM: 1.0 μ F, 10%, 35V	1	CS13BF105K	81349
C3	CAPACITOR, MICA, DIPPED: 620 pF, 5%, 500V	1	CM06FD621J03	81349
C4	CAPACITOR, ELECTROLYTIC, TANTALUM: .47 μ F, 10%, 35V	1	CS13BF474K	81349
C5	CAPACITOR, CERAMIC, TUBULAR: 3 pF, \pm .25 pF, 500V	1	301-000-C0J0-309C	72982
C6	CAPACITOR, MICA, DIPPED: 820 pF, 5%, 500V	1	CM06FD821J03	81349
C7	CAPACITOR, MICA, DIPPED: 2200 pF, 5%, 500V	1	CM06FD222J03	81349
C8	CAPACITOR, CERAMIC, DISC: 1000 pF, GMV, 500V	1	SM(.001 μ F, GMV)	91418
C9	CAPACITOR, MICA, DIPPED: 390 pF, 5%, 500V	1	CM05ED391J03	81349
C10	CAPACITOR, CERAMIC, DISC: .01 μ F, 20%, 500V	1	SM(.01 μ F, 20%)	91418
CR1	DIODE	4	1N916B	80131
CR2	Same as CR1			
CR3	Same as CR1			
CR4	Same as CR1			
CR5	DIODE	1	1N3713	80131
L1	COIL, VARIABLE	2	3476-25	14632
L2	Same as L1			
Q1	TRANSISTOR	1	2N2708	80131
Q2	TRANSISTOR	1	2N404	80131
R1	RESISTOR, FIXED, COMPOSITION: 27 k Ω , 5%, 1/4W	1	RCR07G273JS	81349
R2	RESISTOR, FIXED, COMPOSITION: 1 k Ω , 5%, 1/4W	1	RCR07G102JS	81349
R3	RESISTOR, FIXED, COMPOSITION: 47 Ω , 5%, 1/4W	1	RCR07G470JS	81349
R4	RESISTOR, FIXED, COMPOSITION: 4.7 k Ω , 5%, 1/4W	1	RCR07G472JS	81349
R5	RESISTOR, FIXED, COMPOSITION: 390 Ω , 5%, 1/4W	1	RCR07G391JS	81349
R6	RESISTOR, VARIABLE, WIRE-WOUND: 10 k Ω , 5%, 1W	1	100(10k Ω , 5%)	75042
R7	RESISTOR, FIXED, COMPOSITION: 2.2 k Ω , 5%, 1/4W	1	RCR07G222JS	81349
R8	RESISTOR, FIXED, COMPOSITION: 10 k Ω , 5%, 1/4W	1	RCR07G103JS	81349
R9	RESISTOR, FIXED, COMPOSITION: 1.8 k Ω , 5%, 1/4W	2	RCR07G182JS	81349
R10	Same as R9			
R11	RESISTOR, FIXED, COMPOSITION: 2.7 k Ω , 5%, 1/4W	1	RCR07G272JS	81349
R12	RESISTOR, FIXED, COMPOSITION: 470 Ω , 5%, 1/4W	1	RCR07G471JS	81349
T1	TRANSFORMER, FIXED, BALANCED IF	1	S5-106A	17078
T2	TRANSFORMER, VARIABLE, IF	1	3476-29	14632

5.4.14 Type 76101 Compensated $\pm 4.5V$ Power Supply

REF DESIG PREFIX A13

REF DESIG	DESCRIPTION	QTY. PER ASSY.	MANUFACTURER'S PART NO.	MFR. CODE
C1	CAPACITOR, CERAMIC, DISC: .05 μF , 20V	1	UK20-503	71590
C2	CAPACITOR, ELECTROLYTIC, TANTALUM: 1.0 μF , 10%, 35V	1	CS13BF105K	81349
CR1	DIODE	2	1N4998	80131
CR2	Same as CR1			
CR3	DIODE	2	1N3253	80131
CR4	Same as CR3			
CR5	DIODE	5	1N462A	80131
CR6	Same as CR5			
CR7	DIODE	1	1N751A	80131
CR8	Same as CR5			
CR9	Same as CR5			
CR10	Same as CR5			
CR11	DIODE	6	1N198	80131
CR12	Same as CR11			
CR13	Same as CR11			
CR14	Same as CR11			
CR15	Same as CR11			
CR16	Same as CR11			
Q1	TRANSISTOR	3	2N2270	80131
Q2	Same as Q1			
Q3	TRANSISTOR	1	2N1305	80131
Q4	TRANSISTOR	1	2N3251	80131
Q5	TRANSISTOR	2	2N929	80131
Q6	Same as Q5			
Q7	Same as Q1			
R1	RESISTOR, FIXED, COMPOSITION: 75 Ω , 5%, 1/4W	1	RCR07G750JS	81349
R2	RESISTOR, FIXED, COMPOSITION: 6.2 k Ω , 5%, 1/4W	1	RCR07G622JS	81349
R3	RESISTOR, FIXED, COMPOSITION: 620 Ω , 5%, 1/4W	1	RCR07G621JS	81349
R4	RESISTOR, FIXED, COMPOSITION: 10 k Ω , 5%, 1/4W	1	RCR07G103JS	81349
R5	RESISTOR, FIXED, COMPOSITION: 27 Ω , 5%, 1/4W	1	RCR07G270JS	81349
R6	RESISTOR, FIXED, COMPOSITION: 39 k Ω , 5%, 1/4W	1	RCR07G393JS	81349
R7	RESISTOR, FIXED, COMPOSITION: 120 k Ω , 5%, 1/4W	1	RCR07G124JS	81349
R8	RESISTOR, FIXED, COMPOSITION: 2 k Ω , 5%, 1/4W	2	RCR07G202JS	81349
R9	RESISTOR, FIXED, COMPOSITION: 1 k Ω , 5%, 1/4W	1	RCR07G102JS	81349

