



Notes:

1. All resistors are in ohms, $1/10$ W, 1%, unless otherwise specified.
2. All capacitors have a ≥ 50 V rating unless otherwise specified.
3. The symbol ∇ indicates a PC board ground.
4. The values for frequency-dependent components, indicated by asterisks (*), are in the table.

ICT Test Points

- I205: Stage 1
- I206: Stage 2
- I208: Stage 3
- I209: Stage 4
- I211: Stage 5
- I212: Stage 6

Functional Test Points

- TP201: +9 Vdc
- TP202: audio input
- TP204: +5 Vdc
- TP216: ground
- TP217: RF output for automatic test

Frequency-Dependent Parts

| Group | Frequency Range | C208 pF | C218 pF | C213 pF | C214 pF | C215 pF | C217 pF | C220 pF | C222 pF | C223 pF | C224 pF | C227 pF | C232 pF | C234 pF | C235 pF | C236 pF | C238 pF | C240 pF | C242 pF | C245 Part No. | C249 pF | C250 pF | C253 pF | C254 pF | C255 pF | C256 pF | C257 pF | C267 pF | C270 pF | C272 pF | C272 pF | C273- C276 pF | C277 pF | F201 Part No. | L202 nH | L203 nH | L206 nH | L207 nH | L210 nH | L211 nH | L213 nH | L214 nH | R216 Ω | R220 Ω | R221 k Ω | R222 Ω | R224 Ω | R225 k Ω | R226 k Ω | R227 Ω |
|-------|-----------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------------|------------|-------------|-------------|-------------|------------|------------|------------|------------|------------|------------|------------|---------------------|------------|------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------------|------------------|--------------------|------------------|------------------|--------------------|--------------------|------------------|
| A | 596-608 MHz | 12 | not used | 15 | 68 | 1000 | 0.5 | 1.5 | 15 | 68 | 10 | 18 | 18 | 18 | not used | 8.2 | 0.5 | not used | 15 | 152C04 | not used | 12 | .01 μ F | .01 μ F | 3.3 | 10 | 8.2 | 18 | not used | not used | not used | not used | 5.6 | 162A27 | 390 | 390 | 56 | 56 | 8 | 8 | 3.3 | 15 | 402 | 301 | 27.4 | 30.1 | 301 | 2.21 | 6.81 | 33.2 |
| B | 614-626 MHz | 12 | not used | 15 | 68 | 1000 | 0.5 | not used | 15 | 68 | 8.2 | 18 | 15 | not used | 8.2 | 0.5 | not used | 15 | 152C04 | not used | 12 | .01 μ F | .01 μ F | 3.3 | 10 | 6.8 | 18 | not used | not used | not used | not used | 5.6 | 162A27 | 390 | 390 | 56 | 56 | 8 | 8 | 3.3 | 15 | 402 | 301 | 27.4 | 30.1 | 301 | 2.21 | 6.81 | 33.2 | |
| E | 800-820 MHz | 12 | not used | 15 | 150 | 150 | 0.5 | not used | 15 | 150 | 8.2 | 12 | 15 | 150 | 8.2 | 1 | not used | 15 | 152A04 | not used | 15 | not used | 18 | 2.2 | 3.9 | 4.7 | 15 | not used | 1000 | 100 | not used | 6.8 | 162B27 | 220 | 220 | 33 | 33 | 5 | 2.5 | 3.3 | 12 | 402 | 301 | 10 | 30.1 | 100 | 2.49 | 4.99 | 49.9 | |
| H | 854-862 MHz | 10 | 1.5 | 15 | 100 | 47 | 1 | not used | 15 | 150 | 3.3 | 4.7 | 22 | 150 | 3.3 | 1 | 470 | 18 | 152A04 | not used | 8.2 | not used | 1500 | 1.5 | 3.3 | 4.7 | 10 | 1500 | 1500 | 1500 | not used | 3.3 | 162B27 | 220 | 180 | 56 | 47 | 5 | 5 | 3.3 | 12 | 200 | 150 | 2 | 3.92 | 301 | 2.21 | 6.81 | 22.1 | |