

COMPONENT VALUES

All resistors are 1/4 watt 5% carbon film unless otherwise noted.

| | | | | | |
|------|----------------------------------|----------|------|---------------------------------------|--------|
| R1 | 470,000 ohms | Part No. | F1 | Fuse, 15A slo-blo MDA | 341150 |
| R2 | 2,200 ohms | 139474 | F2 | Fuse, 10A, GLH | 341100 |
| R3 | 33,000 ohms | 139222 | F3 | Fuse, 10A, GLH | 341100 |
| R4 | 100 ohms | 139333 | F4 | Fuse, 2A, 3AG (optional value) | 341020 |
| R5 | 100 ohms | 139101 | C1 | 10 mfd, 16v, non-polar electrolytic | 203106 |
| R6 | 2,200 ohms | 139222 | C2 | 0.1 mfd, 200v, polypropylene | 265104 |
| R7 | 2,200 ohms | 139222 | C3 | 390 pF, 500v, mica | 257391 |
| R8 | 330 ohms | 139331 | C4 | 0.001 mfd, 100v, film | 264102 |
| R9 | 47 ohms | 139470 | C5 | 0.001 mfd, 100v, film | 264102 |
| R10 | 47 ohms | 139470 | C6 | 470 mfd, 6.3v, non-polar electrolytic | 202477 |
| R11 | 47,000 ohms | 139473 | C7 | 150 pF, 500v, mica | 257151 |
| R12 | 560 ohms | 139561 | C8 | 0.1 mfd, 100v, film | 264104 |
| R13 | 47,000 ohms | 139473 | C9 | 390 pF, 500v, mica | 257391 |
| R14 | 560 ohms | 139561 | C10 | 100 mfd, 100v, electrolytic | 264107 |
| R15 | 47 ohms | 139470 | C11 | 100 mfd, 100v, electrolytic | 264107 |
| R16 | 47 ohms | 139470 | C12 | 0.01 mfd, 100v, film | 264103 |
| R17 | 2,200 ohms | 139222 | C13 | 0.01 mfd, 100v, film | 264103 |
| R18 | 2,200 ohms | 139222 | C14 | 100 pF, 500v, mica | 257101 |
| R19 | 330 ohms | 139331 | C15 | 0.0047 mfd, 100v, film | 264472 |
| R20 | 100 ohms | 139101 | C16 | 0.01 mfd, 100v, film | 264103 |
| R21 | 100 ohms | 139101 | C17 | 0.1 mfd, 100v, film | 264103 |
| R22 | 33,000 ohms | 139333 | C18 | 0.01 mfd, 100v, film | 264104 |
| R23 | 3,300 ohms, 1 watt, metal film | 138821 | C19 | 0.01 mfd, 100v, film | 264103 |
| R24 | 820 ohms, metal film, 1% | 138821 | C20 | 390 pF, 500v, mica | 257391 |
| R25 | 150 ohms, metal film, 1% | 138151 | C21 | 20,000 mfd, 100v, electrolytic | 294203 |
| R26 | 1,800 ohms | 139182 | C22 | 20,000 mfd, 100v, electrolytic | 294203 |
| R27 | 100 ohms | 139101 | C23 | 0.01 mfd, 1000v, disc | 238103 |
| R28 | 560 ohms | 139361 | C24 | 0.39 mfd, 100v, film | 264394 |
| R29 | 470 ohms | 139471 | C25 | 0.005 mfd, 1000v, disc | 238502 |
| R30 | 0.5 ohms, 1/2 watt | 133509 | C26 | 680 pF, 500v, mica | 257661 |
| R31 | 1,800 ohms | 139182 | C101 | 0.39 mfd, 100v, film | 264394 |
| R32 | 100 ohms | 139101 | C102 | 0.39 mfd, 100v, film | 264394 |
| R33 | 47 ohms, 1/2 watt | 133470 | C103 | 0.39 mfd, 100v, film | 264394 |
| R34 | 47 ohms, 1/2 watt | 133470 | C104 | 10 mfd, 16v, non-polar electrolytic | 203106 |
| R35 | 220 ohms, 1/2 watt | 133221 | C105 | 22 mfd, 100v, electrolytic | 294226 |
| R36 | 2,200 ohms, 1/2 watt | 133222 | D1 | IN4148 | 544148 |
| R37 | 10 ohms | 139100 | D2 | IN4148 | 544148 |
| R38 | 1 ohm, 10 watts, 10%, wirewound | 120110 | D3 | IN4148 | 544148 |
| R39 | 10 ohms, 5 watts, wirewound | 120100 | D4 | IN4148 | 544148 |
| R40 | 470 ohms, 1/2 watt | 133471 | D5 | IN4148 | 544148 |
| R41 | 470 ohms, 1/2 watt | 133471 | D6 | IN4148 | 544148 |
| R42 | 470 ohms, 1/2 watt | 133471 | D7 | IN4148 | 544148 |
| R43 | 470 ohms, 1/2 watt | 133471 | D8 | IN5240B | 540510 |
| R44 | 470 ohms, 1/2 watt | 133471 | D9 | IN5240B | 540510 |
| R45 | 470 ohms, 1/2 watt | 133471 | D10 | IN4148 | 544148 |
| R46 | 680,000 ohms, 1/2 watt | 133684 | D11 | IN4003 | 544102 |
| R47 | 300 ohms, 7 watt | 120301 | D12 | IN4003 | 544102 |
| R48 | 300 ohms, 7 watt | 120301 | D13 | IN4003 | 544102 |
| R49 | 100,000 ohms | 139104 | D101 | IN5240B | 540510 |
| R101 | 150,000 ohms | 139154 | D102 | IN5240B | 540510 |
| R102 | 150,000 ohms | 139154 | D103 | IN4148 | 544148 |
| R103 | 150,000 ohms | 139154 | D104 | IN4148 | 544148 |
| R104 | 150,000 ohms | 139154 | D105 | IN4003 | 544102 |
| R105 | 27,000 ohms, 1/2 watt | 133273 | D106 | IN4003 | 544102 |
| R106 | 22,000 ohms | 139223 | O1 | 2N5550 | 572550 |
| R107 | 3,900 ohms | 139392 | O2 | 2N5550 | 572550 |
| R108 | 3,900 ohms | 139392 | O3 | 2N5550 | 572550 |
| R109 | 22,000 ohms | 139223 | O4 | 2N5401 | 562401 |
| R110 | 27,000 ohms, 1/2 watt | 133273 | O5 | 2N5401 | 562401 |
| R111 | 10 megohms | 139106 | O6 | 2N5401 | 562401 |
| R112 | 4,700 ohms | 139472 | O7 | MPS401 | 562401 |
| R113 | 10 megohms | 139106 | O8 | MPSA93 | 562093 |
| R114 | 150,000 ohms | 139154 | O9 | 2N5415 | 562415 |
| R115 | 10,000 ohms | 139103 | O10 | NP2222A | 572222 |
| R116 | 100,000 ohms | 139104 | O11 | MPSA43 | 572043 |
| R117 | 100,000 ohms | 139104 | O12 | 2N3440 | 572440 |
| R118 | 1 megohm | 139105 | O13 | 2N5415 | 562415 |
| R119 | 22,000 ohms | 139223 | O14 | 2SK176 | 571176 |
| R120 | 1,500 ohms, 2 watt | 130152 | O15 | 2SK176 | 571176 |
| P1 | 1,000 ohms trimpot | 100102 | O16 | 2SK176 | 571176 |
| L1 | Inductor, 1.4uh | 451002 | O17 | 2S156 | 561056 |
| DB1 | Diode bridge | 544252 | O18 | 2S156 | 561056 |
| IC1 | LM339N | 586339 | O19 | 2S156 | 561056 |
| T1 | Power Transformer | 464004 | Q101 | 2N5550 | 572550 |
| T2 | Power Transformer, International | 464005 | TB1 | Thermal breaker | 332002 |
| | | | TB2 | Thermal breaker | 332002 |
| | | | TS1 | Thermal sensor | 332003 |
| | | | TS2 | Thermal sensor | 332003 |