

Silicon Unijunction Transistor (UJT)

| Stock No. | Mfr.'s Type | Case Style | Maximum RMS Emitter Current | Intrinsic Stand Off Ratio | Interbase Resistance                              | Maximum Interbase Voltage | Maximum RMS Power Dissipation | Emitter Reverse Current  | Valley Point Current |
|-----------|-------------|------------|-----------------------------|---------------------------|---------------------------------------------------|---------------------------|-------------------------------|--------------------------|----------------------|
|           |             |            | I <sub>E</sub><br>mA        | Min.-Max.                 | R <sub>BB0</sub> (R <sub>1,2</sub> )<br>Min.-Max. | V <sub>BB</sub><br>Volts  | P <sub>D</sub><br>mW          | I <sub>EO</sub><br>µAmps | I <sub>V</sub><br>mA |
| 935-6196  | 6401        | TO18       | 50                          | 0.56-0.75                 | 4.7-9.1                                           | 35                        | 300                           | 0.050 typ. 12 max.       | 4 min.               |
| 935-6200  | 6409        | TO18       | 50                          | 0.68-0.82                 | 4.7-9.1                                           | 35                        | 300                           | 0.010 typ. 0.2 max.      | 8 min.               |
| 935-6202  | 6410        | TO92       | 50                          | 0.70-0.85                 | 4.0-9.1                                           | 35                        | 300                           | 0.005 typ.               | 4 min.               |

Zener Diodes

| Stock No. | Mfr.'s Type | DWG  | Rated Voltage<br>±5% | Watt | Stock No. | Mfr.'s Type | DWG  | Rated Voltage<br>±5% | Watt | Stock No. | Mfr.'s Type | DWG  | Rated Voltage<br>±5% | Watt |
|-----------|-------------|------|----------------------|------|-----------|-------------|------|----------------------|------|-----------|-------------|------|----------------------|------|
| 935-6298  | 135A        | D041 | 5.1                  | 1    | 935-6314  | 146A        | D041 | 27.0                 | 1    | 935-6334  | 5079A       | D041 | 20.0                 | 1    |
| 935-6300  | 136A        | D041 | 5.6                  | 1    | 935-6316  | 147A        | D041 | 33.0                 | 1    | 935-6336  | 5080A       | D041 | 22.0                 | 1    |
| 935-6302  | 137A        | D041 | 6.2                  | 1    | 935-6318  | 5001A       | D035 | 2.5                  | 1/2  | 935-6338  | 5084A       | D041 | 30.0                 | 1    |
| 935-6304  | 138A        | D041 | 7.5                  | 1    | 935-6320  | 5010A       | D035 | 5.1                  | 1/2  | 935-6340  | 5098A       | D041 | 130.0                | 1    |
| 935-6306  | 139A        | D041 | 9.1                  | 1    | 935-6322  | 5013A       | D035 | 6.2                  | 1/2  | 935-6342  | 5127A       | —    | 12.0                 | 5    |
| 935-6308  | 140A        | D041 | 10.0                 | 1    | 935-6324  | 5089A       | D041 | 4.7                  | 1    | 935-6344  | 5130A       | —    | 15.0                 | 5    |
| 935-6310  | 142A        | D041 | 12.0                 | 1    | 935-6328  | 5071A       | D041 | 6.8                  | 1    | 935-6346  | 5134A       | —    | 19.0                 | 5    |
| 935-6312  | 143A        | D041 | 13.0                 | 1    | 935-6330  | 5072A       | D041 | 8.2                  | 1    | 935-3115  | 5155A       | —    | 91.0                 | 5    |
|           | 145A        | D041 | 15.0                 | 1    | 935-6332  | 5077A       | D041 | 18.0                 | 1    | —         | —           | —    | —                    | —    |

General Purpose Diodes and Rectifiers

| Stock No. | Mfr.'s Type | Material | Description and Application                      | Case Style | Maximum Peak Reverse Voltage | Maximum Average Forward Current Amps | Max. Peak Surge Forward Current Amps | Maximum Forward Voltage Drop | Reverse Recovery Time |
|-----------|-------------|----------|--------------------------------------------------|------------|------------------------------|--------------------------------------|--------------------------------------|------------------------------|-----------------------|
|           |             |          |                                                  |            | P <sub>RV</sub>              | I <sub>F</sub>                       | I <sub>FSM</sub>                     | V <sub>F</sub>               | t <sub>r</sub>        |
| 935-0765  | 109         | Germ     | General Purpose, Fast Switch                     | D07        | 100                          | 0.200                                | 0.5                                  | 1.0                          | —                     |
| 935-6248  | 112         | Si       | TV UHF Mixer                                     | D07        | 5                            | 0.025                                | —                                    | 0.5 @ 15 mA                  | —                     |
| 935-6250  | 177         | Si       | Fast, Sw. Det, etc.                              | D035       | 200                          | 0.160                                | 250.0 mA                             | 1.0 V @ 100 mA               | 50 nS                 |
| 935-2519  | 519         | Si       | Fast Sw Diode                                    | D035       | 75                           | 0.200                                | —                                    | 1.0 V @ 100 mA               | 4 nS                  |
| 935-6428  | 525         | Si       | High Voltage, Fast Recovery Sw                   | D041       | 2000                         | 1.000                                | 150.0                                | 2.0 V @ 2A                   | 3 µS (Fwd. Rec.)      |
| 935-0795  | 116         | Si       | General Purpose Rectifier                        | D041       | 600                          | 1.000                                | 30.0                                 | 1.1 V @ 1 A typ              | —                     |
| 935-6252  | 117         | Si       | General Purpose Metal Case Rectifier             | D026       | 600                          | 1.000                                | —                                    | 1.2 V @ .5A                  | —                     |
| 935-0850  | 125         | Si       | General Purpose Rectifier                        | D041       | 1000                         | 2.500                                | 30.0                                 | 0.8 V @ 1A typ               | —                     |
| 935-1015  | 156         | Si       | General Purpose Rectifier                        | D015       | 1000                         | 3.000                                | —                                    | 1.1 V @ 3A                   | —                     |
| 935-6254  | 156A        | Si       | General Purpose Rectifier                        | D027A      | 1000                         | 3.500                                | 125.0                                | 1.1 @ 3.5 A                  | —                     |
| 935-6256  | 166         | Si       | Bridge Rectifier                                 | C207       | 100                          | 2.000                                | 60.0                                 | 1.0 V @ 1A                   | —                     |
| 935-6258  | 167         | Si       | Bridge Rectifier                                 | C207       | 200                          | 2.000                                | 60.0                                 | 1.0 V @ 1A                   | —                     |
| 935-6260  | 168         | Si       | Bridge Rectifier                                 | C207       | 400                          | 2.000                                | 60.0                                 | 1.0 V @ 1A                   | —                     |
| 935-2055  | 506         | Si       | Sw, Fast Recovery, Bst Damper, Blanking          | D041       | 1400                         | 2.000                                | 3.5 A                                | 1.0 V @ 1A                   | 50 nS forward         |
| 935-6262  | 552         | Si       | General Purpose Rectifier, Fast Rec, Fast Sw     | D041       | 600                          | 1.000                                | 30.0                                 | 1.1 V @ 1A                   | 200 nS                |
| 935-6264  | 558         | Si       | General Purpose Rectifier, Fast Rec, Fast Sw, HV | D041       | 1500                         | 1.000                                | —                                    | 1.2                          | 250 nS                |
| 935-6266  | 580         | Si       | Fast Recovery, General Purpose Rectifier         | —          | 600                          | 3.000                                | 100.0                                | 1.1 V @ 3A                   | 250 nS                |
| 935-6268  | 5304        | Si       | Bridge Rectifier                                 | C207       | 400                          | 1.500                                | 50.0                                 | 1.0 V @ 1A                   | —                     |
| 935-6270  | 5305        | Si       | Bridge Rectifier                                 | C207       | 600                          | 1.500                                | 50.0                                 | 1.0 V @ 1A                   | —                     |
| 935-6272  | 5313        | Si       | Bridge Rectifier                                 | —          | 200                          | 8.000                                | 200.0                                | 1.1 V @ 4 A                  | —                     |
| 935-6274  | 5314        | Si       | Bridge Rectifier                                 | —          | 400                          | 8.000                                | 200.0                                | 1.1 V @ 4A                   | —                     |
| 935-6276  | 5315        | Si       | Bridge Rectifier                                 | —          | 600                          | 8.000                                | 200.0                                | 1.1 V @ 4A                   | —                     |
| 935-6278  | 5322        | Si       | Bridge Rectifier                                 | —          | 200                          | 25.000                               | 300.0                                | 1.2 V @ 12.5 A               | —                     |
| 935-6280  | 5324        | Si       | Bridge Rectifier                                 | —          | 400                          | 25.000                               | 300.0                                | 1.2 V @ 12.5 A               | —                     |
| 935-6282  | 5326        | Si       | Bridge Rectifier                                 | —          | 600                          | 25.000                               | 300.0                                | 1.2 V @ 12.5 A               | —                     |
| 935-6284  | 5332        | Si       | Bridge Rectifier                                 | —          | 600                          | 1.000                                | 25.0                                 | 1.2 V @ 1A                   | —                     |
| 935-6286  | 5800        | —        | Industrial Rectifier                             | D027       | 50                           | 3.000                                | 200.0                                | 1.2 V Max                    | —                     |
| 935-6288  | 5801        | —        | Industrial Rectifier                             | D027       | 100                          | 3.000                                | 200.0                                | 1.2 V Max                    | —                     |
| 935-4065  | 5802        | —        | Industrial Rectifier                             | D027       | 200                          | 3.000                                | 200.0                                | 1.2 V Max                    | —                     |
| 935-4075  | 5804        | —        | Industrial Rectifier                             | D027       | 400                          | 3.000                                | 200.0                                | 1.2 V Max                    | —                     |
| 935-4085  | 5806        | —        | Industrial Rectifier                             | D027       | 600                          | 3.000                                | 200.0                                | 1.2 V Max                    | —                     |
| 935-6290  | 5809        | —        | Industrial Rectifier                             | D027       | 1000                         | 3.000                                | 200.0                                | 1.2 V Max                    | —                     |
| 935-6292  | 5812        | —        | Industrial Rectifier                             | Axial LD   | 100                          | 6.000                                | 400.0                                | 0.9 V Max                    | —                     |
| 935-5814  | 5814        | —        | Industrial Rectifier                             | Axial LD   | 400                          | 6.000                                | 400.0                                | 0.9 V Max                    | —                     |
| 935-6294  | 5817        | —        | Industrial Rectifier                             | Axial LD   | 1000                         | 6.000                                | 400.0                                | 0.9 V Max                    | —                     |
| 935-6296  | 5994        | —        | Industrial Rectifier                             | D05        | 600                          | 40.000                               | 500.0                                | 1.2 V Max                    | —                     |

ICs

| Stock No. | Mfr.'s Type | Pkg.            | Description                     | Stock No. | Mfr.'s Type | Pkg.       | Description                                 |
|-----------|-------------|-----------------|---------------------------------|-----------|-------------|------------|---------------------------------------------|
| 935-6366  | NTE778A     | 8 Pin Dip       | IC-Dual Op Amp                  | 935-6416  | NTE40168    | 14 Pin Dip | IC-CMOS Quad Bilateral Switch               |
| 935-6368  | NTE834      | 14 Pin Dip      | IC-Quad Comparator              | 935-6418  | NTE4049     | 16 Pin Dip | IC-CMOS Hex Buffer                          |
| 935-6374  | NTE923      | 10 Ld Metal Can | IC-Precision Voltage Regulator  | 935-6420  | NTE40668    | 14 Pin Dip | IC-CMOS Quad Bilateral Switch               |
| 935-6376  | NE923D      | 14 Pin Dip      | IC-Precision Voltage Regulator  | 935-6422  | NTE4069     | 14 Pin Dip | IC-CMOS Hex Inverter                        |
| 935-6378  | NTE928M     | 8 Pin Dip       | IC-Dual Low Power Dual OP-Amp   | 935-6424  | NTE4081B    | 14 Pin Dip | IC-CMOS, And Gate                           |
| 935-9372  | NTE931      | TO-3            | IC-Linear, Voltage Regulator    | 935-6426  | NTE4093B    | 14 Pin Dip | IC-CMOS, Nand Gate                          |
| 935-6380  | NTE941      | 8 Ld Metal Can  | IC-Frequency Compensated OP-Amp | 935-7145  | NTE7400     | 14 Pin Dip | IC-TTL, Nand Gate                           |
| 935-6382  | NTE941D     | 14 Pin Dip      | IC-Frequency Compensated OP-Amp | 935-7147  | NTE7402     | 14 Pin Dip | IC-TTL, Nor Gate                            |
| 935-6384  | NTE941M     | 8 Pin Dip       | IC-Frequency Compensated OP-Amp | 935-7148  | NTE7403     | 14 Pin Dip | IC-TTL Quad 2-Input Pos-Nand, OPN Collector |
| 935-6386  | NTE943M     | 8 Pin Dip       | IC-Dual Comparator              | 935-7149  | NTE7404     | 14 Pin Dip | IC-TTL Hex Inverter                         |
| 935-6388  | NTE953M     | 8 Pin Dip       | IC-Timer/Oscillator             | 935-7151  | NTE7406     | 14 Pin Dip | IC-TTL Hex Inverter                         |
| 935-6390  | NTE956      | TO-220          | IC-Pos VR, 1.2 to 37 V, 1.5 Amp | 935-7152  | NTE7407     | 14 Pin Dip | IC-TTL Hex Buffer Driver                    |
| 935-3020  | NTE960      | TO-220          | IC-Pos VR, 5 V, 1 Amp           | 935-7156  | NTE7408     | 14 Pin Dip | IC-TTL, And Gate                            |
| 935-6392  | NTE964      | TO-220          | IC-Pos VR, 8 V, 1 A             | 935-7155  | NTE7410     | 14 Pin Dip | IC-TTL Triple 3 Input Pos-Nand              |
| 935-3050  | NTE966      | TO-220          | IC-Pos VR, 12 V, 1 Amp          | 935-7194  | NTE7432     | 14 Pin Dip | IC-TTL Quad 2 Input Pos-OR                  |
| 935-3055  | NTE967      | TO-220          | IC-Neg VR, -12 V, 1 A           | 935-7195  | NTE7437     | 14 Pin Dip | IC-TTL Quad 2 Input Pos Nand                |
| 935-6394  | NTE968      | TO-220          | IC-Pos VR, 15 V, 1 A            | 935-7199  | NTE7442     | 16 Pin Dip | IC-TTL BCD to Decimal Decoder               |
| 935-3080  | NTE972      | TO-220          | IC-Pos VR, 24 V, 1 A            | 935-7210  | NTE7472     | 14 Pin Dip | IC-TTL J-K Master Slave Flip-Flop           |
| 935-6396  | NTE977      | TO-92           | IC-Pos VR, 5 V, 100 mA          | 935-7212  | NTE7473     | 14 Pin Dip | IC-TTL Dual J-K Flip-Flop                   |
| 935-9966  | NTE978      | 14 Pin Dip      | IC-Dual Timing                  | 935-7211  | NTE7474     | 14 Pin Dip | IC-TTL Dual D Flip-Flop                     |
| 935-6398  | NTE987      | 14 Pin Dip      | IC-Quad OP-Amp                  | 935-7213  | NTE7475     | 16 Pin Dip | IC-TTL 4 Bit Bistable Latch                 |
| 935-6400  | NTE982      | 14 Pin Dip      | IC-4 Independent Amps           | 935-7214  | NTE7476     | 16 Pin Dip | IC-TTL Dual J-K Flip-Flop                   |
| 935-6408  | NTE2013     | 16 Pin Dip      | IC-7 Chan. CMOS Input Array     | 935-7218  | NTE7486     | 14 Pin Dip | IC-TTL Quad 2 Input Ex-OR                   |
| 935-6410  | NTE4001B    | 14 Pin Dip      | IC-CMOS, Nor Gate               | 935-7221  | NTE7490     | 14 Pin Dip | IC-TTL Decade Counter                       |
| 935-6412  | NTE4011B    | 14 Pin Dip      | IC-CMOS, Nand Gate              | 935-7158  | NTE74121    | 14 Pin Dip | IC-TTL Monostable Multivibrator             |
| 935-6414  | NTE4013B    | 14 Pin Dip      | IC-CMOS Dual D Flip-Flop        | 935-7239  | NTE74192    | 16 Pin Dip | IC-TTL BCD Counter                          |

For quantity pricing or parts not listed, contact the Allied facility nearest you at 1-800-433-5700.

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