

| DEVICE TYPE NO. | POLARITY | MAXIMUM RATINGS | | | | | ELECTRICAL CHARACTERISTICS | | | | CASE |
|-----------------------|----------|--|------------------------|-------------------|------------------|-------------------|----------------------------|------------------------|-----------------|------------------|-------|
| | | P _b @ T _c =25°C WATTS | I _c AMPS | BV _{CB0} | BV _{CE} | BV _{EB0} | h _{FE} MIN. | I _c AMPS | V _{CE} | f MHZ *KHZ | |
| 2N4900 | PNP | 25.0 | 1.00 | 80 | 80 | 5 | 100 | .500 | 1 | *30 | T066 |
| 2N4901 | PNP | 87.0 | 5.00 | 40 | 40 | 5 | 20 | 1.00 | 2 | 4 | T066 |
| 2N4902 | PNP | 87.0 | 5.00 | 60 | 60 | 5 | 20 | 1.00 | 2 | 4 | T066 |
| 2N4903 | PNP | 87.0 | 5.00 | 80 | 80 | 5 | 20 | 1.00 | 2 | 4 | T066 |
| 2N4904 | PNP | 87.0 | 5.00 | 40 | 40 | 5 | 25 | 2.50 | 2 | 4 | T066 |
| 2N4905 | PNP | 87.0 | 5.00 | 60 | 60 | 5 | 25 | 2.50 | 2 | 4 | T066 |
| 2N4906 | PNP | 87.0 | 5.00 | 80 | 80 | 5 | 25 | 2.50 | 4 | 4 | T066 |
| 2N4907 | PNP | 150 | 10.0 | 40 | 40 | 5 | 20 | 4.00 | 4 | 4 | T03 |
| 2N4908 | PNP | 150 | 10.0 | 60 | 60 | 5 | 20 | 4.00 | 4 | 4 | T03 |
| 2N4909 | PNP | 150 | 10.0 | 80 | 80 | 5 | 20 | 4.00 | 4 | 4 | T03 |
| 2N4910 | NPN | 25.0 | 1.00 | 40 | 40 | 5 | 20 | .500 | 1 | 3 | T066 |
| 2N4911 | NPN | 25.0 | 1.00 | 60 | 60 | 5 | 20 | .500 | 1 | 3 | T066 |
| 2N4912 | NPN | 25.0 | 1.00 | 80 | 80 | 5 | 20 | .500 | 1 | 3 | T066 |
| 2N4913 | NPN | 88.0 | 5.00 | 40 | 40 | 5 | 25 | 2.50 | 2 | 4 | T03 |
| 2N4914 | NPN | 88.0 | 5.00 | 60 | 60 | 5 | 25 | 2.50 | 2 | 4 | T03 |
| 2N4915 | NPN | 88.0 | 5.00 | 80 | 80 | 5 | 25 | 2.50 | 2 | 4 | T03 |
| 2N4916 | PNP | .200 | .100 | 30 | 30 | 5 | 60 | .001 | 1 | 400 | T0106 |
| 2N4917 | PNP | .200 | .100 | 30 | 30 | 5 | 150 | .001 | 1 | 450 | T0106 |
| 2N4918 | PNP | 30.0 | 1.00 | 40 | 40 | 5 | 20 | .500 | 1 | 3 | T0126 |
| 2N4919 | PNP | 30.0 | 1.00 | 60 | 60 | 5 | 20 | .500 | 1 | 3 | T0126 |
| 2N4920 | PNP | 30.0 | 1.00 | 80 | 80 | 5 | 20 | .500 | 1 | 3 | T0126 |
| 2N4921 | NPN | 30.0 | 1.00 | 40 | 40 | 5 | 20 | .500 | 1 | 3 | T0126 |
| 2N4922 | NPN | 30.0 | 1.00 | 60 | 60 | 5 | 20 | .500 | 1 | 3 | T0126 |
| 2N4923 | NPN | 30.0 | 1.00 | 80 | 80 | 5 | 20 | .500 | 1 | 3 | T0126 |
| 2N4924 | NPN | 1.00 | .200 | 100 | 100 | 5 | 40 | .150 | 10 | 100 | T039 |
| 2N4925 | NPN | 1.00 | .200 | 150 | 150 | 5 | 40 | .150 | 10 | 100 | T039 |
| 2N4926 | NPN | 5.00 | .050 | 200 | 200 | 7 | 20 | .030 | 10 | 30 | T039 |
| 2N4927 | NPN | 5.00 | .050 | 250 | 250 | 7 | 20 | .030 | 10 | 30 | T039 |
| 2N4928 | PNP | .600 | .100 | 100 | 100 | 4 | 20 | .001 | 10 | 100 | T039 |
| 2N4929 | PNP | 1.00 | .050 | 150 | 150 | 4 | 25 | .010 | 10 | 100 | T039 |
| 2N4931 | PNP | 1.00 | .050 | 250 | 250 | 4 | 20 | .010 | 10 | 20 | T039 |
| 2N4943 | NPN | .800 | 1.00 | 120 | 80 | 7 | 100 | .150 | 10 | 150 | T039 |
| 2N4957 | PNP | .200 | .030 | 30 | 30 | 3 | 20 | .002 | 10 | 1200 | T072 |
| 2N4958 | PNP | .200 | .030 | 30 | 30 | 3 | 20 | .002 | 10 | 1000 | T072 |
| 2N4959 | PNP | .200 | .030 | 30 | 30 | 3 | 20 | .002 | 10 | 1000 | T072 |
| 2N4960 | NPN | .800 | 1.00 | 60 | 60 | 6.5 | 60 | .001 | 10 | 250 | T039 |
| 2N4961 | NPN | .500 | 1.00 | 80 | 80 | 6.5 | 60 | .001 | 10 | 250 | T039 |
| 2N4962 | NPN | .800 | 1.00 | 60 | 60 | 6.5 | 60 | .001 | 10 | 250 | T018 |
| 2N4963 | NPN | .500 | 1.00 | 80 | 80 | 6.5 | 60 | .001 | 10 | 250 | T018 |
| 2N4964 | PNP | .200 | .100 | 50 | 40 | 5 | 40 | .001 | 5 | 60 | T0106 |
| 2N4965 | PNP | .200 | .100 | 50 | 40 | 5 | 100 | .001 | 5 | 60 | T0106 |
| 2N4966 | NPN | .200 | .030 | 50 | 40 | 6 | 40 | .001 | 5 | 40 | T0106 |
| 2N4967 | NPN | .200 | .030 | 50 | 40 | 6 | 100 | .001 | 5 | 40 | T0106 |
| 2N4968 | NPN | .200 | .030 | 30 | 25 | 6 | 40 | .001 | 5 | 40 | T0106 |
| 2N4969 | NPN | .200 | .500 | 50 | 30 | 5 | 20 | .150 | 1 | 150 | T0106 |
| 2N4970 | NPN | .200 | .500 | 50 | 30 | 5 | 100 | .150 | 10 | 200 | T0106 |
| 2N4971 | PNP | .200 | .500 | 50 | 40 | 5 | 40 | .150 | 10 | 200 | T0106 |
| 2N4972 | PNP | .200 | .500 | 50 | 40 | 5 | 100 | .150 | 10 | 200 | T0106 |
| 2N5038 | NPN | 140 | 20.0 | 150 | 90 | 7 | 20 | 12.0 | 5 | 60 | T03 |
| 2N5039 | NPN | 140 | 20.0 | 120 | 75 | 7 | 20 | 10.0 | 5 | 60 | T03 |
| 2N5042 | PNP | .800 | 1.00 | 40 | 40 | 5 | 40 | .150 | 1 | 500 | T039 |
| 2N5055 | PNP | .200 | .100 | 12 | 12 | 4.5 | 12 | .001 | .5 | 550 | T0105 |
| 2N5056 | PNP | .360 | .100 | 15 | 15 | 4.5 | 12 | .001 | .5 | 600 | T018 |
| 2N5057 | PNP | .360 | .100 | 15 | 15 | 4.5 | 20 | .001 | .5 | 800 | T018 |
| 2N5058 | NPN | 1.00 | .150 | 300 | 300 | 7 | 35 | .030 | 25 | 30 | T039 |
| 2N5059 | NPN | 1.00 | .150 | 250 | 250 | 6 | 30 | .030 | 25 | 30 | T039 |
| 2N5067 | NPN | 88.0 | 5.00 | 40 | 40 | 5 | 20 | 1.00 | 2 | 4 | T03 |
| 2N5068 | NPN | 88.0 | 5.00 | 60 | 60 | 5 | 20 | 1.00 | 2 | 4 | T03 |
| 2N5069 | NPN | 88.0 | 5.00 | 80 | 80 | 5 | 20 | .050 | 2 | 4 | T03 |
| 2N5109 | NPN | 2.50 | .400 | 40 | 20 | 3 | 40 | .050 | 15 | 1200 | T039 |
| 2N5127 | NPN | .200 | .100 | 20 | 12 | 3 | 12 | .002 | 10 | 150 | T0106 |
| 2N5128 | NPN | .200 | .500 | 15 | 12 | 3 | 35 | .050 | 10 | 150 | T0105 |
| 2N5129 | NPN | .300 | .500 | 15 | 12 | 3 | 35 | .050 | 10 | 150 | T0106 |
| 2N5130 | NPN | .200 | .050 | 30 | 12 | 1 | 12 | .008 | 10 | 450 | T0106 |

SILICON TRANSISTORS

ADVANCED SEMICONDUCTOR

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| DEVICE TYPE NO. | POLARITY | MAXIMUM RATINGS | | | | | ELECTRICAL CHARACTERISTICS | | | | CASE |
|-----------------|----------|--|------------------------|-------------------|------------------|-------------------|----------------------------|------------------------|-----------------|------------------|-------|
| | | P _D @ T _C =25°C WATTS | I _C AMPS | BV _{CEO} | BV _{CE} | BV _{EB0} | h _{FE} MIN. | I _C AMPS | V _{CE} | f MHZ *KHZ | |
| 2N5153 | NPN | .200 | .200 | 20 | 15 | 3 | 25 | .010 | 1 | 100 | T0106 |
| 2N5132 | NPN | .200 | .030 | 20 | 20 | 3 | 20 | .010 | 10 | 200 | T0106 |
| 2N5133 | NPN | .200 | .050 | 20 | 18 | .3 | 50 | .001 | 5 | 40 | T0106 |
| 2N5134 | NPN | .200 | .100 | 20 | 10 | 3 | 20 | .010 | 1 | 250 | T0106 |
| 2N5135 | NPN | .300 | .200 | 30 | 25 | 4 | 50 | .010 | 10 | 40 | T0105 |
| 2N5136 | NPN | .220 | .500 | 30 | 20 | 3 | 20 | .050 | 1 | 40 | T0105 |
| 2N5137 | NPN | .300 | .500 | 30 | 20 | 3 | 20 | .150 | 1 | 30 | T0106 |
| 2N5138 | PNP | .200 | .100 | 30 | 30 | 5 | 40 | .001 | 10 | 30 | T0106 |
| 2N5139 | PNP | .200 | .100 | 20 | 20 | 5 | 40 | .001 | 10 | 300 | T0106 |
| 2N5140 | PNP | .200 | .050 | 5 | 5 | 4 | 20 | .010 | 1 | 400 | T0106 |
| 2N5141 | PNP | .200 | .100 | 6 | 6 | 4 | 15 | .001 | 2 | 300 | T0106 |
| 2N5142 | PNP | .300 | .500 | 20 | 20 | 4 | 30 | .050 | 1 | 100 | T0105 |
| 2N5143 | PNP | .200 | .500 | 20 | 20 | 4 | 15 | .300 | 10 | 100 | T0106 |
| 2N5148 | NPN | 1.00 | 2.00 | 100 | 80 | 6 | 30 | 1.00 | 5 | 50 | T039 |
| 2N5150 | NPN | 1.00 | 2.00 | 100 | 80 | 6 | 70 | 1.00 | 5 | 50 | T039 |
| 2N5152 | NPN | 1.00 | 2.00 | 100 | 80 | 6 | 30 | 2.50 | 5 | 60 | T039 |
| 2N5154 | NPN | 1.00 | 2.00 | 100 | 80 | 6 | 70 | 2.50 | 5 | 70 | T039 |
| 2N5179 | NPN | .200 | .05 | 20 | 12 | 2.5 | 25 | .002 | 6 | 1000 | T072 |
| 2N5180 | NPN | .180 | .05 | 30 | 15 | 2 | 20 | .002 | 8 | 650 | T072 |
| 2N5202 | NPN | 35.0 | 4.00 | 100 | 75 | 6 | 10 | 4.00 | 1.2 | 60 | T066 |
| 2N5239 | NPN | 100 | 5.00 | 300 | 225 | 6 | 20 | 2.00 | 10 | 2 | T03 |
| 2N5240 | NPN | 100 | 5.00 | 375 | 300 | 6 | 20 | 2.00 | 10 | 2 | T03 |
| 2N5294 | NPN | 36.0 | 4.00 | 80 | 75 | 7 | 30 | .500 | 4 | *800 | T0220 |
| 2N5296 | NPN | 36.0 | 4.00 | 60 | 50 | 5 | 30 | .100 | 4 | *800 | T0220 |
| 2N5298 | NPN | 36.0 | 4.00 | 80 | 70 | 5 | 20 | .100 | 4 | *800 | T0220 |
| 2N5301 | NPN | 200 | 30.0 | 40 | 40 | 5 | 15 | 15.0 | 2 | 2 | T03 |
| 2N5302 | NPN | 200 | 30.0 | 60 | 60 | 5 | 15 | 15.0 | 2 | 2 | T03 |
| 2N5303 | NPN | 200 | 20.0 | 80 | 80 | 5 | 15 | 15.0 | 2 | 2 | T03 |
| 2N5320 | NPN | 10.0 | 2.00 | 100 | 75 | 7 | 30 | .500 | 4 | 50 | T039 |
| 2N5321 | NPN | 10.0 | 2.00 | 75 | 50 | 5 | 40 | .500 | 4 | 50 | T039 |
| 2N5322 | PNP | 10.0 | 2.00 | 100 | 75 | 7 | 30 | .500 | 4 | 50 | T039 |
| 2N5323 | PNP | 10.0 | 2.00 | 75 | 50 | 5 | 40 | .500 | 4 | 50 | T039 |
| 2N5327 | NPN | 5.00 | 10.0 | 100 | 80 | 5 | 100 | 1.00 | 2 | 100 | T039 |
| 2N5334 | NPN | 6.00 | 3.00 | 60 | 60 | 8 | 30 | 1.00 | 2 | 40 | T039 |
| 2N5335 | NPN | 6.00 | 3.00 | 80 | 80 | 8 | 30 | 1.00 | 2 | 40 | T039 |
| 2N5336 | NPN | 6.00 | 5.00 | 80 | 80 | 6 | 30 | 2.00 | 2 | 30 | T039 |
| 2N5337 | NPN | 6.00 | 5.00 | 80 | 80 | 6 | 60 | 2.00 | 2 | 30 | T039 |
| 2N5338 | NPN | 6.00 | 5.00 | 100 | 100 | 6 | 30 | 2.00 | 2 | 30 | T039 |
| 2N5339 | NPN | 6.00 | 5.00 | 100 | 100 | 6 | 60 | 2.00 | 2 | 30 | T039 |
| 2N5415 | PNP | 1.00 | 1.00 | 200 | 200 | 4 | 30 | .050 | 10 | 15 | T039 |
| 2N5416 | PNP | 1.00 | 1.00 | 350 | 300 | 6 | 30 | .050 | 10 | 15 | T039 |
| 2N5490 | NPN | 50.0 | 7.00 | 60 | 50 | 5 | 20 | 2.00 | 4 | *800 | T0220 |
| 2N5492 | NPN | 50.0 | 7.00 | 75 | 65 | 5 | 20 | 2.50 | 4 | *800 | T0220 |
| 2N5494 | NPN | 50.0 | 7.00 | 60 | 50 | 5 | 20 | 3.00 | 4 | *800 | T0220 |
| 2N5496 | NPN | 50.0 | 7.00 | 90 | 80 | 5 | 20 | 3.50 | 4 | *800 | T0220 |
| 2N5541 | NPN | 1.20 | 5.00 | 175 | 130 | 8 | 30 | 5.00 | 5 | 20 | T039 |
| 2N5598 | NPN | 20.0 | 2.00 | 80 | 60 | 6 | 70 | 1.00 | 5 | 60 | T066 |
| 2N5600 | NPN | 20.0 | 2.00 | 100 | 80 | 6 | 30 | 1.00 | 5 | 50 | T066 |
| 2N5602 | NPN | 20.0 | 2.00 | 100 | 80 | 6 | 70 | 1.00 | 5 | 60 | T066 |
| 2N5604 | NPN | 20.0 | 2.00 | 120 | 100 | 6 | 30 | 1.00 | 5 | 50 | T066 |
| 2N5606 | NPN | 25.0 | 5.00 | 80 | 60 | 6 | 70 | 2.50 | 5 | 70 | T066 |
| 2N5608 | NPN | 25.0 | 5.00 | 100 | 80 | 6 | 30 | 2.50 | 5 | 60 | T066 |
| 2N5610 | NPN | 25.0 | 5.00 | 100 | 80 | 6 | 70 | 2.50 | 5 | 70 | T066 |
| 2N5612 | NPN | 25.0 | 5.00 | 120 | 100 | 6 | 30 | 2.50 | 5 | 60 | T066 |
| 2N5614 | NPN | 50.0 | 5.00 | 80 | 60 | 6 | 70 | 2.50 | 5 | 70 | T03 |
| 2N5616 | NPN | 50.0 | 5.00 | 100 | 80 | 6 | 30 | 2.50 | 5 | 60 | T03 |
| 2N5618 | NPN | 50.0 | 5.00 | 100 | 80 | 6 | 70 | 2.50 | 5 | 70 | T03 |
| 2N5620 | NPN | 50.0 | 5.00 | 120 | 100 | 6 | 30 | 2.50 | 5 | 60 | T03 |
| 2N5622 | NPN | 100 | 10.00 | 80 | 60 | 6 | 70 | 5.00 | 5 | 40 | T03 |
| 2N5624 | NPN | 100 | 10.00 | 100 | 80 | 6 | 30 | 5.00 | 5 | 30 | T03 |
| 2N5626 | NPN | 100 | 10.00 | 100 | 80 | 6 | 70 | 5.00 | 5 | 40 | T03 |
| 2N5628 | NPN | 100 | 10.00 | 120 | 100 | 6 | 30 | 5.00 | 5 | 30 | T03 |
| 2N5629 | NPN | 200 | 16.00 | 100 | 100 | 7 | 25 | 8.00 | 2 | 1 | T03 |
| 2N5630 | NPN | 200 | 16.00 | 120 | 120 | 7 | 20 | 8.00 | 2 | 1 | T03 |

| DEVICE TYPE NO. | POLARITY | P _D @ T _C =25°C | MAXIMUM RATINGS | | | | ELECTRICAL CHARACTERISTICS | | | | CASE |
|-----------------------|----------|---------------------------------------|------------------------|-------------------|------------------|-------------------|----------------------------|------------------------|-----------------|------------------|---------|
| | | WATTS | I _C AMPS | BV _{CBO} | BV _{CE} | BV _{EBO} | h _{FE} MIN. | I _C AMPS | V _{CE} | f MHZ *KHZ | |
| 2N5631 | NPN | 200 | 16.0 | 140 | 140 | 7 | 15 | 8.00 | 2 | 1 | T03 |
| 2N5632 | NPN | 150 | 10.0 | 100 | 100 | 7 | 25 | 5.00 | 2 | 1 | T03 |
| 2N5633 | NPN | 150 | 10.0 | 120 | 120 | 7 | 20 | 5.00 | 2 | 1 | T03 |
| 2N5634 | NPN | 150 | 10.0 | 140 | 140 | 7 | 15 | 5.00 | 2 | 1 | T03 |
| 2N5671 | NPN | 140 | 30.0 | 120 | 90 | 7 | 20 | 15.0 | 2 | 50 | T03 |
| 2N5672 | NPN | 140 | 30.0 | 150 | 120 | 7 | 20 | 15.0 | 2 | 50 | T03 |
| 2N5679 | PNP | 1.00 | 1.00 | 100 | 100 | 4 | 40 | .250 | 2 | 30 | T039 |
| 2N5680 | PNP | 1.00 | 1.00 | 120 | 120 | 4 | 40 | .250 | 2 | 30 | T039 |
| 2N5681 | NPN | 1.00 | 1.00 | 100 | 100 | 4 | 40 | .250 | 2 | 30 | T039 |
| 2N5682 | NPN | 1.00 | 1.00 | 120 | 120 | 4 | 40 | .250 | 2 | 30 | T039 |
| 2N5683 | PNP | 300 | 50.0 | 60 | 60 | 5 | 15 | 20.0 | 2 | 2 | T03 MOD |
| 2N5684 | PNP | 300 | 50.0 | 80 | 80 | 5 | 15 | 20.0 | 2 | 2 | T03 MOD |
| 2N5685 | NPN | 300 | 50.0 | 60 | 60 | 5 | 15 | 20.0 | 2 | 2 | T03 MOD |
| 2N5686 | NPN | 300 | 50.0 | 80 | 80 | 5 | 15 | 20.0 | 2 | 2 | T03 MOD |
| 2N5729 | NPN | 10.0 | 5.00 | 100 | 80 | 5 | 30 | 2.00 | 2 | 30 | T039 |
| 2N5732 | NPN | 75.0 | 20.0 | 100 | 80 | 5 | 30 | 5.00 | 2 | 30 | T03 |
| 2N5734 | NPN | 150 | 30.0 | 100 | 80 | 5 | 30 | 10.0 | 2 | 30 | T03 |
| 2N5745 | PNP | 200 | 30.0 | 80 | 80 | 5 | 15 | 10.0 | 2 | 2 | T03 |
| 2N5758 | NPN | 150 | 6.00 | 100 | 100 | 7 | 25 | 3.00 | 2 | 1 | T03 |
| 2N5759 | NPN | 150 | 6.00 | 120 | 120 | 7 | 20 | 3.00 | 2 | 1 | T03 |
| 2N5760 | NPN | 150 | 6.00 | 140 | 140 | 7 | 15 | 3.00 | 2 | 1 | T03 |
| 2N5784 | NPN | 10.0 | 3.50 | 80 | 80 | 5 | 20 | 1.00 | 2 | 1 | T039 |
| 2N5785 | NPN | 10.0 | 3.50 | 65 | 65 | 5 | 20 | 1.20 | 2 | 1 | T039 |
| 2N5786 | NPN | 10.0 | 3.50 | 45 | 45 | 3.5 | 20 | 1.60 | 2 | 1 | T039 |
| 2N5838 | NPN | 57.0 | 3.00 | 275 | 275 | 6 | 9 | 2.00 | 2 | 5 | T03 |
| 2N5839 | NPN | 57.0 | 3.00 | 300 | 300 | 6 | 10 | 2.00 | 3 | 5 | T03 |
| 2N5840 | NPN | 57.0 | 3.00 | 375 | 375 | 6 | 10 | 2.00 | 3 | 5 | T03 |
| 2N5871 | PNP | 115 | 7.00 | 60 | 60 | 5 | 2.5 | 4.00 | 20 | 4 | T03 |
| 2N5872 | PNP | 115 | 7.00 | 80 | 80 | 5 | 2.5 | 4.00 | 20 | 4 | T03 |
| 2N5873 | NPN | 115 | 7.00 | 60 | 60 | 5 | 2.5 | 4.00 | 20 | 4 | T03 |
| 2N5874 | NPN | 115 | 7.00 | 80 | 80 | 5 | 2.5 | 4.00 | 20 | 4 | T03 |
| 2N5875 | PNP | 150 | 10.0 | 60 | 60 | 5 | 20 | 4.00 | 4 | 4 | T03 |
| 2N5876 | PNP | 150 | 10.0 | 80 | 80 | 5 | 20 | 4.00 | 4 | 4 | T03 |
| 2N5877 | NPN | 150 | 10.0 | 60 | 60 | 5 | 20 | 4.00 | 4 | 4 | T03 |
| 2N5878 | NPN | 150 | 10.0 | 80 | 80 | 5 | 20 | 4.00 | 4 | 4 | T03 |
| 2N5879 | PNP | 160 | 15.0 | 60 | 60 | 5 | 20 | 6.00 | 4 | 4 | T03 |
| 2N5880 | PNP | 160 | 15.0 | 80 | 80 | 5 | 20 | 6.00 | 4 | 4 | T03 |
| 2N5881 | NPN | 160 | 15.0 | 60 | 60 | 5 | 20 | 6.00 | 4 | 4 | T03 |
| 2N5882 | NPN | 160 | 15.0 | 80 | 80 | 5 | 20 | 6.00 | 4 | 4 | T03 |
| 2N5883 | PNP | 200 | 25.0 | 60 | 60 | 5 | 20 | 10.0 | 4 | 4 | T03 |
| 2N5884 | PNP | 200 | 25.0 | 80 | 80 | 5 | 20 | 10.0 | 4 | 4 | T03 |
| 2N5885 | NPN | 200 | 25.0 | 60 | 60 | 5 | 20 | 10.0 | 4 | 4 | T03 |
| 2N5886 | NPN | 200 | 25.0 | 80 | 80 | 5 | 20 | 10.0 | 4 | 4 | T03 |
| 2N6029 | PNP | 200 | 16.0 | 100 | 100 | 7 | 25 | 8.00 | 2 | 1 | T03 |
| 2N6030 | PNP | 200 | 16.0 | 120 | 120 | 7 | 20 | 8.00 | 2 | 1 | T03 |
| 2N6031 | PNP | 200 | 16.0 | 140 | 140 | 7 | 15 | 8.00 | 2 | 1 | T03 |
| 2N6034 | PNP | 40.0 | 4.00 | 40 | 40 | 5 | 750 | 2.00 | 3 | 25 | T0126 |
| 2N6035 | PNP | 40.0 | 4.00 | 60 | 60 | 5 | 750 | 2.00 | 3 | 25 | T0126 |
| 2N6036 | PNP | 40.0 | 4.00 | 80 | 80 | 5 | 750 | 2.00 | 3 | 25 | T0126 |
| 2N6037 | NPN | 40.0 | 4.00 | 40 | 40 | 5 | 750 | 2.00 | 3 | 25 | T0126 |
| 2N6038 | NPN | 40.0 | 4.00 | 60 | 60 | 5 | 750 | 2.00 | 3 | 25 | T0126 |
| 2N6039 | NPN | 40.0 | 4.00 | 80 | 80 | 5 | 750 | 2.00 | 3 | 25 | T0126 |
| 2N6040 | PNP | 75.0 | 8.00 | 60 | 60 | 5 | 1.0K | 4.00 | 4 | 4 | T0220 |
| 2N6041 | PNP | 75.0 | 8.00 | 80 | 80 | 5 | 1.0K | 4.00 | 4 | 4 | T0220 |
| 2N6042 | PNP | 75.0 | 8.00 | 100 | 100 | 5 | 1.0K | 3.00 | 4 | 4 | T0220 |
| 2N6043 | NPN | 75.0 | 8.00 | 60 | 60 | 5 | 1.0K | 4.00 | 4 | 4 | T0220 |
| 2N6044 | NPN | 75.0 | 8.00 | 80 | 80 | 5 | 1.0K | 4.00 | 4 | 4 | T0220 |
| 2N6045 | NPN | 75.0 | 8.00 | 100 | 100 | 5 | 1.0K | 3.00 | 4 | 4 | T0220 |
| 2N6049 | PNP | 75.0 | 4.00 | 90 | 55 | 7 | 25 | .500 | 4 | 3 | T066 |
| 2N6050 | PNP | 150 | 12.0 | 60 | 60 | 5 | 750 | 6.00 | 3 | 4 | T03 |
| 2N6051 | PNP | 150 | 12.0 | 80 | 80 | 5 | 750 | 6.00 | 3 | 4 | T03 |
| 2N6052 | PNP | 150 | 12.0 | 100 | 100 | 5 | 750 | 6.00 | 3 | 4 | T03 |
| 2N6053 | PNP | 100 | 8.00 | 60 | 60 | 5 | 750 | 4.00 | 3 | 4 | T03 |
| 2N6054 | PNP | 100 | 8.00 | 80 | 80 | 5 | 750 | 4.00 | 3 | 4 | T03 |

SILICON TRANSISTORS

ADVANCED SEMICONDUCTOR

82 DE

0258354 0000049 0

| DEVICE TYPE NO. | POLARITY | MAXIMUM RATINGS | | | | | ELECTRICAL CHARACTERISTICS | | | | |
|-----------------|----------|---------------------------------|---------------|------------|-----------|------------|----------------------------|---------------|----------|--------------------|---------|
| | | $P_D @ T_c=25^\circ C$ WATTS | I_C AMPS | BV_{CBO} | BV_{CE} | BV_{EBO} | h_{FE} MIN. | I_C AMPS | V_{CE} | f MHZ *KHZ | CASE |
| 2N6055 | NPN | 100 | 8.00 | 60 | 60 | 5 | 750 | 4.00 | 3 | 4 | T03 |
| 2N6056 | NPN | 100 | 8.00 | 80 | 80 | 5 | 750 | 4.00 | 3 | 4 | T03 |
| 2N6057 | NPN | 150 | 12.0 | 60 | 60 | 5 | 750 | 6.00 | 3 | 4 | T03 |
| 2N6058 | NPN | 150 | 12.0 | 80 | 80 | 5 | 750 | 6.00 | 3 | 4 | T03 |
| 2N6059 | NPN | 150 | 12.0 | 100 | 100 | 5 | 750 | 6.00 | 3 | 4 | T03 |
| 2N6099 | NPN | 150 | 12.0 | 80 | 80 | 5 | 750 | 6.00 | 3 | 1 | T03 |
| 2N6101 | NPN | 75.0 | 10.0 | 80 | 70 | 8 | 20 | 5.00 | 4 | 1 | TO220 |
| 2N6103 | NPN | 75.0 | 10.0 | 45 | 40 | 5 | 15 | 8.00 | 4 | 1 | TO220 |
| 2N6107 | PNP | 40.0 | 7.00 | 80 | 70 | 5 | 30 | 2.00 | 4 | 10 | TO220 |
| 2N6109 | PNP | 40.0 | 7.00 | 60 | 50 | 5 | 30 | 2.50 | 4 | 10 | TP220 |
| 2N6111 | PNP | 40.0 | 7.00 | 40 | 30 | 5 | 30 | 3.00 | 4 | 10 | TO220 |
| 2N6121 | NPN | 40.0 | 4.00 | 45 | 45 | 5 | 25 | 1.50 | 2 | 2.5 | TO220 |
| 2N6122 | NPN | 40.0 | 4.00 | 60 | 60 | 5 | 25 | 1.50 | 2 | 2.5 | TO220 |
| 2N6123 | NPN | 40.0 | 4.00 | 80 | 80 | 5 | 20 | 1.50 | 2 | 2.5 | TO220 |
| 2N6124 | PNP | 40.0 | 4.00 | 45 | 45 | 5 | 25 | 1.50 | 2 | 2.5 | TO220 |
| 2N6125 | PNP | 40.0 | 4.00 | 60 | 60 | 5 | 25 | 1.50 | 2 | 2.5 | TO220 |
| 2N6126 | PNP | 40.0 | 4.00 | 80 | 80 | 5 | 20 | 1.50 | 2 | 2.5 | TO220 |
| 2N6129 | NPN | 50.0 | 7.00 | 40 | 40 | 5 | 20 | 2.50 | 4 | 2.5 | TO220 |
| 2N6130 | NPN | 50.0 | 7.00 | 60 | 60 | 5 | 20 | 2.50 | 4 | 2.5 | TO220 |
| 2N6131 | NPN | 50.0 | 7.00 | 80 | 80 | 5 | 20 | 2.50 | 4 | 2.5 | TO220 |
| 2N6132 | PNP | 50.0 | 7.00 | 40 | 40 | 5 | 20 | 2.50 | 4 | 2.5 | TO220 |
| 2N6133 | PNP | 50.0 | 7.00 | 60 | 60 | 5 | 20 | 2.50 | 4 | 2.5 | TO220 |
| 2N6134 | PNP | 50.0 | 7.00 | 80 | 80 | 5 | 20 | 2.50 | 4 | 2.5 | TO220 |
| 2N6226 | PNP | 150 | 6.00 | 100 | 100 | 7 | 25 | 3.00 | 2 | 1 | T03 |
| 2N6227 | PNP | 150 | 6.00 | 120 | 120 | 7 | 20 | 3.00 | 2 | 1 | T03 |
| 2N6228 | PNP | 150 | 6.00 | 140 | 140 | 7 | 15 | 3.00 | 2 | 1 | T03 |
| 2N6229 | PNP | 150 | 10.0 | 100 | 100 | 7 | 25 | 5.00 | 2 | 1 | T03 |
| 2N6230 | PNP | 150 | 10.0 | 120 | 120 | 7 | 20 | 5.00 | 2 | 1 | T03 |
| 2N6231 | PNP | 150 | 10.0 | 1409 | 140 | 7 | 15 | 5.00 | 2 | 1 | T03 |
| 2N6233 | NPN | 50.0 | 5.00 | 250 | 225 | 6 | 25 | 1.00 | 5 | 20 | TO66 |
| 2N6234 | NPN | 50.0 | 5.00 | 300 | 275 | 6 | 25 | 1.00 | 5 | 20 | TO66 |
| 2N6235 | NPN | 50.0 | 5.00 | 350 | 325 | 6 | 25 | 1.00 | 5 | 20 | TO66 |
| 2N6246 | PNP | 125 | 10.0 | 70 | 60 | 5 | 20 | 7.00 | 4 | 10 | T03 |
| 2N6247 | PNP | 125 | 15.0 | 90 | 80 | 5 | 20 | 6.00 | 4 | 10 | T03 |
| 2N6248 | PNP | 125 | 15.0 | 110 | 100 | 5 | 20 | 5.00 | 4 | 10 | T03 |
| 2N6249 | NPN | 100 | 10.0 | 300 | 225 | 6 | 10 | 10.0 | 3 | 2.5 | T03 |
| 2N6250 | NPN | 100 | 10.0 | 375 | 300 | 5 | 8 | 10.0 | 3 | 2.5 | T03 |
| 2N6251 | NPN | 100 | 10.0 | 450 | 375 | 6 | 6 | 10.0 | 3 | 2.5 | T03 |
| 2N6253 | NPN | 115 | 15.0 | 55 | 45 | 5 | 20 | 3.00 | 4 | *800 | T03 |
| 2N6254 | NPN | 150 | 15.0 | 100 | 80 | 7 | 20 | 5.00 | 2 | *800 | T03 |
| 2N6257 | NPN | 150 | 20.0 | 50 | 40 | 5 | 15 | 8.00 | 4 | *200 | T03 |
| 2N6258 | NPN | 250 | 30.0 | 100 | 80 | 7 | 20 | 15.0 | 2 | *200 | T03 |
| 2N6259 | NPN | 250 | 16.0 | 170 | 150 | 7 | 15 | 8.00 | 2 | *200 | T03 |
| 2N6262 | NPN | 150 | 10.0 | 170 | 150 | 7 | 20 | 3.00 | 2 | 100 | T03 |
| 2N6274 | NPN | 250 | 50.0 | 170 | 100 | 6 | 30 | 20.0 | 4 | 30 | T03 MOD |
| 2N6275 | NPN | 250 | 50.0 | 140 | 120 | 6 | 30 | 20.0 | 4 | 30 | T03 MOD |
| 2N6276 | NPN | 240 | 50.0 | 160 | 140 | 6 | 30 | 20.0 | 4 | 30 | T03 MOD |
| 2N6277 | NPN | 250 | 50.0 | 180 | 150 | 6 | 30 | 20.0 | 4 | 30 | T03 MOD |
| 2N6278 | NPN | 250 | 50.0 | 120 | 100 | 6 | 30 | 20.0 | 4 | 30 | TO63 |
| 2N6282 | NPN | 160 | 20.0 | 60 | 60 | 5 | 750 | 10.0 | 3 | 4 | T03 |
| 2N6283 | NPN | 160 | 20.0 | 80 | 80 | 5 | 750 | 10.0 | 3 | 4 | T03 |
| 2N6284 | NPN | 160 | 20.0 | 100 | 100 | 5 | 750 | 10.0 | 3 | 4 | T03 |
| 2N6285 | PNP | 160 | 20.0 | 60 | 60 | 5 | 750 | 10.0 | 3 | 4 | T03 |
| 2N6286 | PNP | 160 | 20.0 | 80 | 80 | 5 | 750 | 10.0 | 3 | 4 | T03 |
| 2N6287 | PNP | 160 | 20.0 | 100 | 100 | 5 | 750 | 10.0 | 3 | 4 | T03 |
| 2N6288 | NPN | 16.0 | 7.00 | 40 | 40 | 5 | 30 | 3.00 | 4 | 4 | TO220 |
| 2N6290 | NPN | 16.0 | 7.00 | 60 | 60 | 5 | 30 | 2.50 | 4 | 4 | TO220 |
| 2N6292 | NPN | 16.0 | 7.00 | 80 | 80 | 5 | 30 | 2.00 | 4 | 4 | TO220 |
| 2N6306 | NPN | 125 | 8.00 | 500 | 250 | 8 | 15 | 3.00 | 5 | 5 | T03 |
| 2N6307 | NPN | 125 | 8.00 | 600 | 300 | 8 | 15 | 3.00 | 5 | 5 | T03 |
| 2N6308 | NPN | 125 | 8.00 | 700 | 350 | 8 | 12 | 3.00 | 5 | 5 | T03 |
| 2N6326 | NPN | 200 | 30.0 | 60 | 60 | 5 | 12 | 15.0 | 4 | 3 | T03 |
| 2N6327 | NPN | 200 | 30.0 | 80 | 80 | 5 | 12 | 15.0 | 4 | 3 | T03 |
| 2N6328 | NPN | 200 | 30.0 | 100 | 100 | 5 | 12 | 15.0 | 4 | 3 | T03 |

| DEVICE TYPE NO. | POLARITY | MAXIMUM RATINGS | | | | | ELECTRICAL CHARACTERISTICS | | | | | CASE |
|-----------------------|----------|---------------------------------------|---------------|------------|-----------|------------|----------------------------|---------------|----------|--------------------|-------|------|
| | | $P_D @ T_c=25^\circ\text{C}$ WATTS | I_C AMPS | BV_{CBO} | BV_{CE} | BV_{EBO} | h_{FE} MIN. | I_C AMPS | V_{CE} | f MHZ *KHZ | | |
| 2N6329 | PNP | 200 | 30.0 | 60 | 60 | 5 | 12 | 15.0 | 4 | 3 | T03 | |
| 2N6330 | PNP | 200 | 30.0 | 80 | 80 | 5 | 12 | 15.0 | 4 | 3 | T03 | |
| 2N6331 | PNP | 200 | 30.0 | 100 | 100 | 5 | 12 | 15.0 | 4 | 3 | T03 | |
| 2N6338 | NPN | 200 | 25.0 | 120 | 100 | 6 | 30 | 10.0 | 2 | 40 | T03 | |
| 2N6339 | NPN | 200 | 25.0 | 140 | 120 | 6 | 30 | 10.0 | 2 | 40 | T03 | |
| 2N6340 | NPN | 200 | 25.0 | 160 | 140 | 6 | 30 | 10.0 | 2 | 40 | T03 | |
| 2N6341 | NPN | 200 | 25.0 | 180 | 150 | 6 | 30 | 10.0 | 2 | 40 | T03 | |
| 2N6354 | NPN | 140 | 10.0 | 150 | 120 | 6.5 | 10 | 10.0 | 2 | 80 | T03 | |
| 2N6375 | NPN | 580 | 1.50 | 75 | 40 | 6 | 60 | .010 | 1 | 300 | T018 | |
| 2N6376 | NPN | 250 | 50.0 | 160 | 140 | 6 | 30 | 20.0 | 4 | 30 | T03 | |
| 2N6383 | NPN | 100 | 10.0 | 40 | 40 | 5 | 1.0K | 5.00 | 3 | 20 | T03 | |
| 2N6384 | NPN | 100 | 10.0 | 60 | 60 | 5 | 1.0K | 5.00 | 3 | 20 | T03 | |
| 2N6385 | NPN | 100 | 10.0 | 80 | 80 | 5 | 1.0K | 5.00 | 3 | 20 | T03 | |
| 2N6386 | NPN | 60.0 | 10.0 | 40 | 40 | 5 | 1.0K | 5.00 | 3 | 20 | T0220 | |
| 2N6387 | NPN | 60.0 | 10.0 | 60 | 60 | 5 | 1.0K | 5.00 | 3 | 20 | T0220 | |
| 2N6388 | NPN | 60.0 | 10.0 | 80 | 80 | 5 | 1.0K | 5.00 | 3 | 20 | T0220 | |
| 2N6469 | PNP | 125 | 15.0 | 50 | 40 | 5 | 20 | 5.00 | 4 | 10 | T03 | |
| 2N6470 | NPN | 125 | 15.0 | 50 | 40 | 5 | 20 | 5.00 | 4 | 5 | T03 | |
| 2N6471 | NPN | 125 | 15.0 | 70 | 60 | 5 | 20 | 5.00 | 4 | 5 | T03 | |
| 2N6472 | NPN | 125 | 15.0 | 90 | 80 | 5 | 20 | 5.00 | 4 | 5 | T03 | |
| 2N6473 | NPN | 16.0 | 4.00 | 110 | 110 | 5 | 15 | 1.50 | 4 | 4 | T0220 | |
| 2N6474 | NPN | 16.0 | 4.00 | 130 | 130 | 5 | 15 | 1.50 | 4 | 4 | T0220 | |
| 2N6475 | PNP | 16.0 | 4.00 | 110 | 110 | 5 | 15 | 1.50 | 4 | 4 | T0220 | |
| 2N6476 | PNP | 16.0 | 4.00 | 130 | 130 | 5 | 15 | 1.50 | 4 | 4 | T0220 | |
| 2N6478 | NPN | 20.0 | 2.50 | 160 | 160 | 5 | 25 | 1.00 | 4 | *200 | T0220 | |
| 2N6486 | NPN | 75.0 | 15.0 | 50 | 40 | 5 | 20 | 5.00 | 4 | 5 | T0220 | |
| 2N6487 | NPN | 75.0 | 15.0 | 70 | 60 | 5 | 20 | 5.00 | 4 | 5 | T0220 | |
| 2N6488 | NPN | 75.0 | 15.0 | 90 | 80 | 5 | 20 | 5.00 | 4 | 5 | T0220 | |
| 2N6489 | PNP | 75.0 | 15.0 | 50 | 40 | 5 | 20 | 5.00 | 4 | 5 | T0220 | |
| 2N6490 | PNP | 75.0 | 15.0 | 70 | 60 | 5 | 20 | 4.00 | 4 | 5 | T0220 | |
| 2N6491 | PNP | 30.0 | 15.0 | 90 | 90 | 5 | 20 | 4.00 | 4 | 5 | T0220 | |
| 2N6496 | NPN | 80.0 | 15.0 | 150 | 130 | 7 | 12 | 8.00 | 2 | 60 | T03 | |
| 2N6510 | NPN | 120 | 7.00 | 250 | 200 | 6 | 10 | 3.00 | 3 | 3 | T03 | |
| 2N6511 | NPN | 120 | 7.00 | 300 | 250 | 6 | 10 | 4.00 | 3 | 3 | T03 | |
| 2N6512 | NPN | 120 | 7.00 | 350 | 300 | 6 | 10 | 4.00 | 3 | 3 | T03 | |
| 2N6513 | NPN | 120 | 7.00 | 400 | 350 | 6 | 10 | 4.00 | 3 | 3 | T03 | |
| 2N6514 | NPN | 120 | 7.00 | 350 | 300 | 6 | 10 | 5.00 | 3 | 3 | T03 | |
| 2N6530 | NPN | 65.0 | 8.00 | 80 | 80 | 5 | 1000 | 5.00 | 3 | 20 | T0220 | |
| 2N6531 | NPN | 65.0 | 8.00 | 100 | 100 | 5 | 500 | 3.00 | 3 | 20 | T0220 | |
| 2N6532 | NPN | 65.0 | 8.00 | 100 | 100 | 5 | 1000 | 5.00 | 3 | 20 | T0220 | |
| 2N6533 | NPN | 65.0 | 8.00 | 120 | 120 | 5 | 1000 | 3.00 | 3 | 20 | T0220 | |
| 2N6542 | NPN | 100 | 5.00 | 650 | 300 | 8 | 12 | 1.50 | 2 | 6 | T03 | |
| 2N6543 | NPN | 100 | 5.00 | 850 | 400 | 8 | 12 | 1.50 | 2 | 6 | T03 | |
| 2N6544 | NPN | 125 | 8.00 | 650 | 300 | 9 | 12 | 2.50 | 3 | 6 | T03 | |
| 2N6545 | NPN | 125 | 8.00 | 850 | 400 | 9 | 12 | 2.50 | 3 | 6 | T03 | |
| 2N6546 | NPN | 175 | 15.0 | 650 | 300 | 9 | 12 | 5.00 | 2 | 6 | T03 | |
| 2N6547 | NPN | 175 | 15.0 | 850 | 400 | 9 | 12 | 5.00 | 2 | 6 | T03 | |
| 2N6569 | NPN | 100 | 12.0 | 45 | 40 | 5 | 15 | 4.00 | 3 | 1.5 | T03 | |
| 2N6576 | NPN | 120 | 15.0 | 60 | 60 | 7 | 2000 | 4.00 | 3 | 10 | T03 | |
| 2N6577 | NPN | 120 | 15.0 | 90 | 90 | 7 | 2000 | 4.00 | 3 | 10 | T03 | |
| 2N6578 | NPN | 120 | 15.0 | 120 | 120 | 7 | 2000 | 4.00 | 3 | 10 | T03 | |
| 2N6594 | PNP | 100 | 12.0 | 45 | 40 | 5 | 15 | 4.00 | 3 | 2.5 | T03 | |
| 2N6609 | PNP | 150 | 16.0 | 160 | 140 | 7 | 15 | 8.00 | 4 | 2 | T03 | |
| 2N6645 | PNP | 70.0 | 10.0 | 40 | 40 | 5 | 1000 | 5.00 | 3 | 20 | T0220 | |
| 2N6649 | PNP | 70.0 | 10.0 | 60 | 60 | 5 | 1000 | 5.00 | 3 | 20 | T0220 | |
| 2N6650 | PNP | 70.0 | 10.0 | 80 | 80 | 5 | 1000 | 5.00 | 3 | 20 | T0220 | |
| 2N6666 | PNP | 70.0 | 8.00 | 40 | 40 | 5 | 1000 | 3.00 | 3 | 20 | T0220 | |
| 2N6667 | PNP | 70.0 | 10.0 | 60 | 60 | 5 | 1000 | 5.00 | 3 | 20 | T0220 | |
| 2N6668 | PNP | 70.0 | 10.0 | 80 | 80 | 5 | 1000 | 5.00 | 3 | 20 | T0220 | |
| 2N6671 | NPN | 150 | 8.00 | 450 | 300 | 8 | 10 | 5.00 | 3 | 15 | T03 | |
| 2N6672 | NPN | 150 | 8.00 | 550 | 350 | 8 | 10 | 5.00 | 3 | 15 | T03 | |
| 2N6673 | NPN | 150 | 8.00 | 650 | 400 | 8 | 10 | 5.00 | 3 | 15 | T03 | |
| 2N6674 | NPN | 175 | 15.0 | 450 | 300 | 7 | 8 | 10.0 | 2 | 15 | T03 | |
| 2N6675 | NPN | 175 | 15.0 | 650 | 400 | 7 | 8 | 10.0 | 2 | 15 | T03 | |