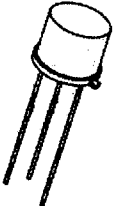


# NEW ENGLAND SEMICONDUCTOR

## SMALL SIGNAL PNP TRANSISTOR TO-5/TO205AD/TO-39

| PACKAGE                                                                                                  | DEVICE TYPE | V <sub>CEO</sub><br>(sus)<br>VOLTS | I <sub>C</sub><br>(max)<br>AMPS | h <sub>FE</sub> @ I <sub>C</sub> / V <sub>CE</sub><br>min/max<br>@ mA/V | V <sub>CE(sat)</sub><br>@ I <sub>C</sub> /I <sub>B</sub><br>V @ mA/mA | C <sub>QF</sub><br>p | f <sub>T</sub><br>(MHz) |
|----------------------------------------------------------------------------------------------------------|-------------|------------------------------------|---------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------|----------------------|-------------------------|
| TO-5<br>TO205AD<br><br> | 2N1132A     | 40                                 | 0.6                             | 30/90@150/10                                                            | 1.5@150/15                                                            | 30                   | 60                      |
|                                                                                                          | 2N2800      | 35                                 | 0.8                             | 30/90@150/10                                                            | 0.4@150/15                                                            | 25                   | 120                     |
|                                                                                                          | 2N2904      | 40                                 | 0.6                             | 20@500/10                                                               | 0.4@150/15                                                            | 8                    | 200                     |
|                                                                                                          | 2N2904A^    | 60                                 | 0.6                             | 40/120@150/10                                                           | 0.4@150/15                                                            | 8                    | 200                     |
|                                                                                                          | 2N2905      | 40                                 | 0.6                             | 30@500/10                                                               | 0.4@150/15                                                            | 8                    | 200                     |
|                                                                                                          | 2N2905A^    | 60                                 | 0.6                             | 100/300@150/10                                                          | 0.4@150/15                                                            | 8                    | 200                     |
|                                                                                                          | 2N5415      | 200                                | 1.0                             | 30/150@50/10                                                            | -                                                                     | 15                   | 15                      |
|                                                                                                          | 2N5416      | 300                                | 1.0                             | 30/120@50/10                                                            | -                                                                     | 15                   | 15                      |
|                                                                                                          | 2N3467      | 40                                 | 1.0                             | 40/120@500/1                                                            | 0.5@500/50                                                            | 25                   | 175                     |
|                                                                                                          | TO-39       |                                    |                                 |                                                                         |                                                                       |                      |                         |
|                       | 2N3468      | 50                                 | 1.0                             | 25/75@500/1                                                             | 0.6@500/50                                                            | 25                   | 150                     |
|                                                                                                          | 2N3494      | 80                                 | 0.1                             | 40@10/1                                                                 | .03@10/1                                                              | 7                    | 200                     |
|                                                                                                          | 2N3495      | 120                                | 0.1                             | 40@10/1                                                                 | 0.35@10/1                                                             | 6                    | 150                     |
|                                                                                                          | 2N3634      | 140                                | 1.0                             | 50/150@50/10                                                            | 0.5@50/5                                                              | 10                   | 150                     |
|                                                                                                          | 2N3635      | 140                                | 1.0                             | 100/300@50/10                                                           | 0.5@50/5                                                              | 10                   | 200                     |
|                                                                                                          | 2N3636      | 175                                | 1.0                             | 50/150@50/10                                                            | 0.5@50/5                                                              | 10                   | 150                     |
|                                                                                                          | 2N3637      | 175                                | 1.0                             | 100/300@50/10                                                           | 0.5@50/5                                                              | 10                   | 200                     |
|                                                                                                          | 2N3743      | 300                                | 0.5                             | 25/250/30/10                                                            | 5.0@10/1                                                              | 15                   | 30                      |
|                                                                                                          | 2N3762^     | 40                                 | 1.5                             | 30/120@1/1.5                                                            | 0.5@500/5                                                             | 15                   | 180                     |
|                                                                                                          | 2N3763^     | 60                                 | 1.5                             | 20/80@1/1.5                                                             | 0.5@500/5                                                             | 15                   | 150                     |
|                                                                                                          | 2N4030      | 60                                 | 1.0                             | 40/120@100/5                                                            | 0.5@500/5                                                             | 20                   | 100                     |
|                                                                                                          | 2N4031      | 80                                 | 1.0                             | 40/120@100/5                                                            | 0.5@500/5                                                             | 20                   | 100                     |
|                                                                                                          | 2N4032      | 60                                 | 1.0                             | 100/300@100/5                                                           | 0.5@500/5                                                             | 20                   | 100                     |
|                                                                                                          | 2N4033      | 80                                 | 1.0                             | 100/300@100/5                                                           | 0.5@500/5                                                             | 20                   | 100                     |

^Available in JAN, JANTX, JANTXV