

**General Transistor Corporation**  
 216 WEST FLORENCE AVENUE  
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**CASE TO-63**  
 $I_{C(MAX)} = 20 \text{ to } 60A$   
 $V_{CEO(SUS)} = 40-300V$

**NPN Power Transistors**

| Type No. | V <sub>CEO</sub><br>(max)<br>(V) | I <sub>C</sub><br>(max)<br>(A) | h <sub>FE</sub> @I <sub>C</sub> /V <sub>CE</sub><br>(min-max @ AV) | V <sub>CE(SAT)</sub><br>@ I <sub>C</sub> /I <sub>B</sub><br>(V @ A/A) | V <sub>BE</sub><br>@ I <sub>C</sub> /V <sub>CE</sub><br>(V @ AV) | V <sub>BE (SAT)</sub><br>@ I <sub>C</sub> /I <sub>B</sub><br>(V @ AV) | I <sub>CEV</sub> @V <sub>CE</sub><br>(mA @ V) | PD@<br>T <sub>C</sub> =100°C<br>(Watts) | I <sub>amb</sub> @V <sub>CE</sub><br>t = 1 sec<br>(A @ V) | f <sub>r</sub><br>(MHz) | t <sub>on</sub> @ I <sub>C</sub> /I <sub>B</sub><br>(μs @ A/A) | t <sub>OFF</sub> @ I <sub>C</sub> /I <sub>B</sub><br>(μs @ A/A) |
|----------|----------------------------------|--------------------------------|--|---|--|---|---|---|---|-------------------------|--|---|
| 2N1936   | 60                               | 20                             | 10-50 @ 10/10  | .75 @ 10/1.6  | 1.25 @ 10/3  |   | 10 @ 120                                      | 150                                     | 5 @ 30  | 4                       | .5 @ 15/1.2  | 1.5 @ 15/1.2  |
| 2N1937   | 80                               | 20                             | 10-50 @ 10/10  | .75 @ 10/1.6  | 1.25 @ 10/3  |   | 10 @ 120                                      | 150                                     | 5 @ 30  | 4                       | .5 @ 15/1.2  | 1.5 @ 15/1.2  |
| 2N3265   | 90                               | 20                             | 25-55 @ 15/2   | 1 @ 20/2  |  | 1.8 @ 20/2  | 20 @ 150                                      | 100                                     | .35 @ 75  | 20                      | .5 @ 15/1.2  | 2 @ 15/1.2  |
| 2N3268   | 60                               | 20                             | 20-80 @ 15/3   | 1.6 @ 20/2  |  | 2.2 @ 20/2  | 20 @ 120                                      | 100                                     | .70 @ 50  | 20                      | .5 @ 15/1.2  | 2 @ 15/1.2  |
| 2N3846   | 200                              | 20                             | 40-200 @ 5/3   | .75 @ 10/1.6  | 1.25 @ 10/3  |   | 2 <sup>a</sup> @ 300                          | 150                                     | 7.5 @ 20  | 10                      | 4 @ 10/2   | 7 @ 10/2  |
| 2N3847   | 300                              | 20                             | 40-200 @ 5/3   | .75 @ 10/1.6  | 1.25 @ 10/3  |   | 2 <sup>a</sup> @ 400                          | 150                                     | 7.5 @ 20  | 10                      | 4 @ 10/2   | 7 @ 10/2  |
| 2N3848   | 200                              | 20                             | 40-200 @ 5/4   | 1 @ 15/2  | 1.4 @ 15/4   |   | 2 <sup>a</sup> @ 300                          | 150                                     | 7.5 @ 20  | 10                      | 4 @ 10/2   | 7 @ 10/2  |
| 2N3849   | 300                              | 20                             | 40-200 @ 5/4   | 1 @ 15/2  | 1.4 @ 15/4   |   | 2 <sup>a</sup> @ 400                          | 150                                     | 7.5 @ 20  | 10                      | 4 @ 10/2   | 7 @ 10/2  |
| 2N4002   | 80                               | 30                             | 20-80 @ 15/4   | 1.2 @ 30/4  | 1.8 @ 30/4   |   | 1 <sup>a</sup> @ 90                           | 100                                     | 8 @ 12.5  | 30                      | 1 @ 15/1.5   | 3 @ 15/1.5  |
| 2N4003   | 100                              | 30                             | 20-80 @ 15/4   | 1.2 @ 30/4  | 1.8 @ 30/4   |   | 1 <sup>a</sup> @ 110                          | 100                                     | 8 @ 12.5  | 30                      | 1 @ 15/1.5   | 3 @ 15/1.5  |
| 2N4210   | 60                               | 20                             | 20-100 @ 10/6  | 1 @ 10/1  | 1.6 @ 10/6   |   | .5 <sup>a</sup> @ 80                          | 100                                     | 3.3 @ 30  | 10                      | .5 @ 15/1.2  | 1.5 @ 15/1.2  |
| 2N4211   | 80                               | 20                             | 20-100 @ 10/6  | 1 @ 10/1  | 1.6 @ 10/6   |   | .5 <sup>a</sup> @ 100                         | 100                                     | 3.3 @ 30  | 10                      | .5 @ 15/1.2  | 1.5 @ 15/1.2  |
| 2N5539   | 130                              | 20                             | 20-75 @ 10/5   | .8 @ 15/1.5   |  | 1.5 @ 15/1.5  | .2 @ 175                                      | 100                                     | 3.3 @ 30  | 20                      | .5 @ 10/1  | 2 @ 10/1  |
| 2N5733   | 80                               | 30                             | 30-300 @ 10/2  | 1.2 @ 20/2  | 1.5 <sup>a</sup> @ 20/2  |   | 1 <sup>a</sup> @ 100                          | 100                                     | 6 @ 25  | 30                      | .7 @ 10/1  | 4 @ 10/1  |
| 2N5968   | 100                              | 30                             | 30-120 @ 10/10   | .8 @ 10/1   |  |   | .5 <sup>a</sup> @ 100                         | 125                                     | 5 @ 25  | 10                      | .5 @ 30/3  | 1 @ 30/3  |
| 2N6046   | 60                               | 20                             | 20-100 @ 10/6  | 2 @ 20/1.33   |  |   | 5 @ 70  | 114                                     | 5.2 @ 22  | 30                      | .6 @ 20/1.33   | .9 @ 20/1.33  |
| 2N6047   | 100                              | 20                             | 20-100 @ 20/4  | 2 @ 20/1.33   |  | 2 @ 20/1.33   | 5 @ 110                                       | 114                                     | 5.2 @ 22  | 30                      | .6 @ 20/1.33   | .9 @ 20/1.33  |
| 2N6048   | 140                              | 20                             | 20-100 @ 20/4  | 2 @ 20/1.33   |  | 2 @ 20/1.33   | 5 @ 150                                       | 114                                     | 5.2 @ 22  | 30                      | .6 @ 20/1.33   | .9 @ 20/1.33  |
| 2N6062   | 100                              | 50                             | 20-120 @ 20/10   | 1 @ 20/2  |  | 2.5 @ 60/6  | .5 <sup>a</sup> @ 100                         | 150                                     | 6 @ 25  | 10                      | .5 @ 40/4  | 1 @ 40/4  |
| 2N6215   | 80                               | 50                             | 25-150 @ 25/2  | 1.5 @ 50/5  |  | 1.5 @ 25/1.25   | .2 @ 100                                      | 125                                     | .7 @ 18   | 20                      | 1 @ 25/1.25  | 1.25 @ 25/1.25  |
| 2N6278   | 100                              | 50                             | 30-120 @ 20/4  | 1.2 @ 20/2  |  | 1.8 @ 20/2  | .01 @ 120                                     | 143                                     | 30 @ 8.3  | 30                      | .35 @ 20/2   | 1.05 @ 20/2   |
| 2N6279   | 120                              | 50                             | 30-120 @ 20/4  | 1.2 @ 20/2  |  | 1.8 @ 20/2  | .01 @ 140                                     | 143                                     | 30 @ 8.3  | 30                      | .35 @ 20/2   | 1.05 @ 20/2   |
| 2N6280   | 140                              | 50                             | 30-120 @ 20/4  | 1.2 @ 20/2  |  | 1.8 @ 20/2  | .01 @ 160                                     | 143                                     | 30 @ 8.3  | 30                      | .35 @ 20/2   | 1.05 @ 20/2   |
| 2N6281   | 150                              | 50                             | 30-120 @ 20/4  | 1.2 @ 20/2  |  | 1.8 @ 20/2  | .01 @ 180                                     | 143                                     | 30 @ 8.3  | 30                      | .35 @ 20/2   | 1.05 @ 20/2   |
| 2N6324   | 200                              | 30                             | 40-150 @ 5/5   | 1.5 @ 20/2  | 2.5 @ 30/5   |   | 2 <sup>a</sup> @ 300                          | 200                                     | 4.5 @ 44  | 10                      | .6 @ 20/2  | 3 @ 20/2  |
| 2N6325   | 300                              | 30                             | 30-150 @ 5/5   | 1.5 @ 20/2  | 2.5 @ 30/5   |   | 2 <sup>a</sup> @ 400                          | 200                                     | 4.5 @ 44  | 10                      | .6 @ 20/2  | 3 @ 20/2  |

NOTES: b) I<sub>CB0</sub> @ V<sub>CB</sub> (mA @ V) g) I<sub>CE5</sub> @ V<sub>CE</sub> (mA @ V) t) (typical)

**CASE TO-114**  
 $I_{C(MAX)} = 40-100A$   
 $V_{CEO(SUS)} = 40 \text{ to } 160V$

| Type No. | V <sub>CEO</sub><br>(max)<br>(V) | I <sub>C</sub><br>(max)<br>(A) | h <sub>FE</sub> @I <sub>C</sub> /V <sub>CE</sub><br>(min-max @ AV) | V <sub>CE(SAT)</sub><br>@ I <sub>C</sub> /I <sub>B</sub><br>(V @ A/A) | V <sub>BE (SAT)</sub><br>@ I <sub>C</sub> /I <sub>B</sub><br>(V @ AV) | I <sub>CEV</sub> @V <sub>CE</sub><br>(mA @ V) | PD@<br>T <sub>C</sub> =100°C<br>(Watts) | I <sub>amb</sub> @V <sub>CE</sub><br>t = 1 sec<br>(A @ V) | f <sub>r</sub><br>(MHz) | t <sub>on</sub> @ I <sub>C</sub> /I <sub>B</sub><br>(μs @ A/A) | t <sub>OFF</sub> @ I <sub>C</sub> /I <sub>B</sub><br>(μs @ A/A) |
|----------|----------------------------------|--------------------------------|--|---|---|---|---|---|-------------------------|--|---|
| 2N3149   | 80                               | 70                             | >10 @ 50/3   | 1.5 @ 50/10   | 2.5 @ 10/10   | 2 @ 80  | 200                                     |   | .1                      | 10 @ 50/10   | 20 @ 50/10  |
| 2N3150   | 100                              | 70                             | >10 @ 50/3   | 1.5 @ 50/10   | 2.5 @ 50/10   | 2 @ 100                                       | 200                                     |   | .1                      | 10 @ 50/10   | 20 @ 50/10  |
| 2N3151   | 150                              | 70                             | >10 @ 50/3   | 1.5 @ 50/10   | 2.5 @ 50/10   | 2 @ 150                                       | 200                                     |   | .1                      | 10 @ 50/10   | 20 @ 50/10  |
| 2N4865   | 80                               | 90                             | 10-40 @ 70/5   | 2.5 @ 70/7  | 2.5 @ 70/7  | .5 @ 100                                      | 200                                     | 10 @ 20   | 10                      | 2 @ 70/7   | 2 @ 70/7  |
| 2N4866   | 120                              | 90                             | 10-40 @ 70/5   | 2.5 @ 70/7  | 2.5 @ 70/7  | .5 @ 140                                      | 200                                     | 10 @ 20   | 10                      | 2 @ 70/7   | 2 @ 70/7  |
| 2N4950   | 60                               | 70                             | >10 @ 50/3   | 1.5 @ 50/10   | 2.5 @ 50/10   | 2 @ 60  | 200                                     |   | .1                      | 10 @ 50/10   | 20 @ 50/10  |
| 2N5250   | 100                              | 90                             | 10-40 @ 70/5   | 2.5 @ 70/7  | 2.5 @ 70/7  | .5 @ 125                                      | 200                                     | 10 @ 20   | 10                      | 2 @ 70/7   | 2 @ 70/7  |
| 2N5251   | 150                              | 90                             | 10-40 @ 70/5   | 2.5 @ 70/7  | 2.5 @ 70/7  | .5 @ 180                                      | 200                                     | 10 @ 20   | 10                      | 2 @ 70/7   | 2 @ 70/7  |
| 2N5489   | 100                              | 40                             | 15-60 @ 40/6   | 1.5 @ 40/8  | 2.5 @ 40/6  | 2 <sup>a</sup> @ 125                          | 200                                     |   | .5                      | 2 @ 70/7   | 2 @ 70/7  |
| 2N5587   | 120                              | 80                             | 10-30 @ 80/2   | 2 @ 80/8  | 2.5 @ 80/8  | 2 <sup>a</sup> @ 160                          | 200                                     |   | .5                      | 2 @ 70/7   | 2 @ 70/7  |
| 2N5588   | 160                              | 80                             | 10-30 @ 80/2   | 2 @ 80/8  | 2.5 @ 80/8  | 2 <sup>a</sup> @ 160                          | 200                                     |   | .5                      | 2 @ 70/7   | 2 @ 70/7  |
| 2N5927   | 120                              | 100                            | 10-40 @ 70/2   | 75 @ 70/7   | 1.5 <sup>a</sup> @ 70/2   | 2 @ 150                                       | 200                                     |   | 1                       | 2.5 @ 50/10  | 5.5 @ 50/10   |

NOTES: g) I<sub>CE5</sub> @ V<sub>CE</sub> (V @ AV) h) V<sub>BE</sub> @ I<sub>C</sub>/V<sub>CE</sub> (V @ AV) t) (typical)

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CASE TO-66

I<sub>C(MAX)</sub> = 1-7A

V<sub>CEO(SUS)</sub> = 35-400V

NPN Power Transistors

| Type No. | PNP Complement | V <sub>CEO</sub> (max) (V) | I <sub>C</sub> (max) (A) | f <sub>FE</sub> @I <sub>C</sub> /V <sub>CE</sub> (min-max @ AV) | V <sub>CE(SAT)</sub> @ I <sub>C</sub> /I <sub>B</sub> (V @ A/A) | V <sub>BE</sub> @ I <sub>C</sub> /V <sub>CE</sub> (V @ AV) | V <sub>BE (SAT)</sub> @ I <sub>C</sub> /I <sub>B</sub> (V @ AV) | I <sub>CEV</sub> @V <sub>CE</sub> (mA @ V) | P <sub>D</sub> @ TC = 25°C (Watts) | f <sub>sw</sub> @V <sub>CE</sub> t = 1 sec (A @ V) | f <sub>r</sub> (MHz) | t <sub>on</sub> @ I <sub>C</sub> /I <sub>B</sub> (μs @ A/A) | t <sub>OFF</sub> @ I <sub>C</sub> /I <sub>B</sub> (μs @ A/A) |
|----------|----------------|----------------------------|--------------------------|---|---|--|---|--|------------------------------------|--|----------------------|---|--|
| 2N3054A  | 2N6049         | 55                         | 4                        | 25-100 @ .5/4   | 1 @ 5/.05   | 1.7 @ .5/4   |   | 1 @ 90                                     | 75                                 | 3 @ 25   | 3                    | .7 @ 1.5/15   | 1.8 @ 1.5/1.5  |
| 2N3583   | 2N6211         | 250*                       | 1                        | 40-200 @ .5/10  | 5 @ 1/.125  | 1.4 @ 1/10   |   | 1 @ 225                                    | 35                                 | .35 @ 100  | 10                   |   |  |
| 2N3584   | 2N6212         | 300*                       | 5                        | 25-100 @ 1/10   | .75 @ 1/1.25  |  | 1.4 @ 1/1   | 1 @ 300                                    | 35                                 | .35 @ 100  | 10                   | 3 @ 1/1   | 7 @ 1/1  |
| 2N3585   | 2N6213         | 400*                       | 5                        | 25-100 @ 1/10   | .75 @ 1/1.25  |  | 1.4 @ 1/1   | 1 @ 400                                    | 35                                 | .35 @ 100  | 10                   | 3 @ 1/1   | 7 @ 1/1  |
| 2N3738   |                | 225                        | .25                      | 40-200 @ .1/10  | 2.5 @ 25/.025   | 1 @ .1/10  |   | .5 @ 250                                   | 20                                 | 2 @ 100  | 10                   |   |  |
| 2N3739   |                | 300                        | .25                      | 40-200 @ .1/10  | 2.5 @ 25/.025   | 1 @ .1/10  |   | .5 @ 300                                   | 20                                 | 2 @ 100  | 10                   |   |  |
| 2N3766   | 2N3740         | 60                         | 1                        | 40-160 @ .5/5   | 1 @ .5/.05  | 1.5 @ 1/10   |   | .1 @ 80                                    | 20                                 | .4 @ 50  | 10                   |   |  |
| 2N3767   | 2N3741         | 80                         | 1                        | 40-160 @ .5/5   | 1.2 @ .5/.05  | 1.5 @ 1/10   |   | .1 @ 100                                   | 20                                 | .4 @ 50  | 10                   |   |  |
| 2N3878   |                | 50                         | 4                        | 40-200 @ .5/2   | 2 @ 4/4   | 2.5 @ 4/2  |   | 25 @ 120                                   | 35                                 | .75 @ 40   | 40                   | .3 @ 4/4  | 1.2 @ 4/4  |
| 2N3879   |                | 75                         | 7                        | 12-100 @ 4/2  | 1.2 @ 4/4   |  | 2 @ 4/4   | .25 @ 120                                  | 35                                 | .5 @ 40  | 40                   | .5 @ 4/4  | 1.2 @ 4/4  |
| 2N4231   |                | 40                         | 3                        | 25-100 @ 1.5/2  | .7 @ 1.5/15   | 1.4 @ 1.5/2  |   | .1 @ 40                                    | 35                                 | 1.75 @ 20  | 4                    | .7 @ 1.5/15   | 1.8 @ 1.5/15   |
| 2N4231A  | 2N6312         | 40                         | 3                        | 25-100 @ 1.5/2  | .7 @ 1.5/15   | 1.4 @ 1.5/2  |   | .1 @ 40                                    | 75                                 | 3 @ 25   | 4                    |   | 1.8 @ 1.5/15   |
| 2N4232   |                | 60                         | 3                        | 25-100 @ 1.5/2  | .7 @ 1.5/15   | 1.4 @ 1.5/2  |   | .1 @ 60                                    | 35                                 | 1.75 @ 20  | 4                    | .7 @ 1.5/15   | 1.8 @ 1.5/15   |
| 2N4232A  | 2N6313         | 60                         | 3                        | 25-100 @ 1.5/2  | .7 @ 1.5/15   | 1.4 @ 1.5/2  |   | .1 @ 60                                    | 75                                 | 3 @ 25   | 4                    | .7 @ 1.5/15   | 1.8 @ 1.5/15   |
| 2N4233   |                | 80                         | 3                        | 25-100 @ 1.5/2  | .7 @ 1.5/15   | 1.4 @ 1.5/2  |   | .1 @ 80                                    | 35                                 | 1.75 @ 20  | 4                    | .7 @ 1.5/15   | 1.8 @ 1.5/15   |
| 2N4233A  | 2N6314         | 80                         | 3                        | 25-100 @ 1.5/2  | .7 @ 1.5/15   | 1.4 @ 1.5/2  |   | .1 @ 80                                    | 75                                 | 3 @ 25   | 4                    | .7 @ 1.5/15   | 1.8 @ 1.5/15   |
| 2N4240   |                | 400*                       | 5                        | 30-150 @ .75/10   | 1 @ .75/.075  |  | 1.8 @ .75/.075  | 2 @ 400                                    | 35                                 | .35 @ 100  | 15                   | .5 @ .75/.075   | 9 @ .75/.075   |
| 2N4273   |                | 140                        | 2                        | 20-140 @ 1/10   | .6 @ 5/.05  | 1.1 @ 1/10   |   | .1 @ 175                                   | 25                                 | 2 @ 20   | 10                   | .3 @ .75/1  | 1.5 @ .75/1  |
| 2N4296   |                | 250                        | 1                        | 50-150 @ .05/10   | .9 @ .05/.005   | .9 @ 1/10  |   | .1 @ 350                                   | 20                                 | .05 @ 200  | 20                   | 7 @ 1/01  | 10 @ 1/01  |
| 2N4297   |                | 250                        | 1                        | 75-300 @ .05/10   | .9 @ .05/.005   | .9 @ 1/10  |   | .1 @ 350                                   | 20                                 | .05 @ 200  | 20                   | 7 @ 1/01  | 10 @ 1/01  |
| 2N4298   |                | 350                        | 1                        | 25-75 @ .05/10  | .9 @ .05/.005   | .9 @ 1/10  |   | .1 @ 500                                   | 20                                 | .05 @ 200  | 20                   | 7 @ 1/01  | 10 @ 1/01  |
| 2N4299   |                | 350                        | 1                        | 50-150 @ .05/10   | .9 @ .05/.005   | .9 @ 1/10  |   | .1 @ 500                                   | 20                                 | .05 @ 200  | 20                   | 7 @ 1/01  | 10 @ 1/01  |
| 2N4864   |                | 120                        | 2                        | 50-150 @ .5/2   | .2 @ .05/.05  |  | 1.2 @ .5/.05  | .01 @ 140                                  | 29                                 | 2 @ 20   | 50                   | .3 @ .75/1  | 1.5 @ .75/1  |
| 2N4910   | 2N4898         | 40                         | 1                        | 20-100 @ .5/1   | .6 @ 1/1  | 1.3 @ 1/1  |   | .1 @ 40                                    | 25                                 | 1 @ 25   | 3                    |   |  |
| 2N4911   | 2N4899         | 60                         | 1                        | 20-100 @ .5/1   | .6 @ 1/1  | 1.3 @ 1/1  |   | .1 @ 60                                    | 25                                 | 1 @ 25   | 3                    |   |  |
| 2N4912   | 2N4900         | 80                         | 1                        | 20-100 @ .5/1   | .6 @ 1/1  | 1.3 @ 1/1  |   | .1 @ 80                                    | 25                                 | 1 @ 25   | 3                    |   |  |
| 2N5050   |                | 125                        | 2                        | 25-100 @ .75/5  | 1 @ .75/1   | 1.2 @ .75/5  |   | .5 @ 125                                   | 40                                 | 2 @ 20   | 10                   | .3 @ .75/1  | 4.7 @ .75/1  |
| 2N5051   |                | 150                        | 2                        | 25-100 @ .75/5  | 1 @ .75/1   | 1.2 @ .75/5  |   | .5 @ 150                                   | 40                                 | 2 @ 20   | 10                   | .3 @ .75/1  | 4.7 @ .75/1  |
| 2N5052   |                | 200                        | 2                        | 25-100 @ .75/5  | 1 @ .75/1   | 1.2 @ .75/5  |   | .5 @ 200                                   | 40                                 | 2 @ 20   | 10                   | .3 @ .75/1  | 4.7 @ .75/1  |
| 5N5202   |                | 50                         | 4                        | 10-100 @ 4/1.2  | 1.2 @ 4/4   |  | 2 @ 4/4   | 10 @ 100                                   | 35                                 | .4 @ 40  | 40                   | .4 @ 2/8  | 1.6 @ 4/8  |
| 2N5427   |                | 80                         | 7                        | 30-120 @ 2/2  | 1.2 @ 7/7   |  | 1.2 @ 2/2   | .01 @ 75                                   | 40                                 | 5 @ 8  | 30                   | 2 @ 2/2   | 2.2 @ 2/2  |
| 2N5428   |                | 80                         | 7                        | 60-240 @ 2/2  | 1.2 @ 7/7   |  | 1.2 @ 2/2   | .01 @ 75                                   | 40                                 | 5 @ 8  | 30                   | 2 @ 2/2   | 2.2 @ 2/2  |
| 2N5429   |                | 100                        | 7                        | 30-120 @ 2/2  | 1.2 @ 7/7   |  | 1.2 @ 2/2   | .01 @ 90                                   | 40                                 | 5 @ 8  | 30                   | 2 @ 2/2   | 2.2 @ 2/2  |
| 2N5430   |                | 100                        | 7                        | 60-240 @ 2/2  | 1.2 @ 7/7   |  | 1.2 @ 2/2   | .01 @ 90                                   | 40                                 | 5 @ 8  | 30                   | 2 @ 2/2   | 2.2 @ 2/2  |
| 2N5468   |                | 400                        | 3                        | 15-60 @ 3/5   | 5 @ 3/6   | 1.5 @ 3/6  |   | .25 @ 500                                  | 70                                 | .875 @ 80  | 2.5                  | .25 @ 1/05  | 2 @ 1/05   |
| 2N5469   |                | 400                        | 3                        | 15-60 @ 3/5   | 5 @ 3/6   | 1.5 @ 3/6  |   | .25 @ 700                                  | 70                                 | .875 @ 80  | 2.5                  | .25 @ 1/05  | 2 @ 1/05   |
| 2N5660   |                | 200                        | 1                        | 40-120 @ .5/5   | .4 @ 1/1  |  | 1.2 @ 1/1   | 001* @ 250                                 | 35                                 | 1.1 @ 45   | 20                   | .25 @ 5/015   | .85 @ 5/015  |
| 2N5661   |                | 300                        | 1                        | 25-75 @ .5/5  | .4 @ 1/1  |  | 1.2 @ 1/1   | 001* @ 400                                 | 35                                 | 1.1 @ 45   | 20                   | .25 @ 5/015   | 1.2 @ 5/015  |
| 2N5664   |                | 200                        | 3                        | 40-120 @ 1/5  | .4 @ 3/3  |  | 1.2 @ 3/3   | 001* @ 250                                 | 52.5                               | .875 @ 80  | 20                   | .25 @ 1/03  | 1.5 @ 1/03   |
| 2N5665   |                | 300                        | 3                        | 25-75 @ 1/5   | .4 @ 3/6  |  | 1.2 @ 3/6   | 001* @ 250                                 | 52.5                               | .875 @ 80  | 20                   | .25 @ 1/05  | 2 @ 1/05   |
| 2N6077   |                | 275                        | 7                        | 12-70 @ 1.2/1   | .5 @ 1.2/2  |  | 1.9 @ 3/6   | 5 @ 250                                    | 45                                 | .9 @ 50  | 1                    | .75 @ 1.2/2   | 5.75 @ 1.2/2   |
| 2N6078   |                | 250                        | 7                        | 12-70 @ 1.2/1   | .5 @ 1.2/2  |  | 2 @ 5/1   | .05 @ 250                                  | 45                                 | .9 @ 50  | 1                    | .75 @ 1.2/2   | 5.75 @ 1.2/2   |
| 2N6079   |                | 350                        | 7                        | 12-50 @ 1.2/1   | .5 @ 1.2/2  |  | 2 @ 4/8   | .5 @ 450                                   | 45                                 | .9 @ 50  | 1                    | .75 @ 1.2/2   | 5.75 @ 1.2/2   |
| 2N6233   |                | 225                        | 5                        | 25-125 @ 1/5  | .5 @ 1/1  | 1 @ 1/5  |   | .1 @ 250                                   | 50                                 | 1.1 @ 45   | 20                   | .5 @ 1/1  | 4 @ 1/1  |
| 2N6234   |                | 275                        | 5                        | 25-125 @ 1/5  | .5 @ 1/1  | 1 @ 1/5  |   | .1 @ 300                                   | 50                                 | 1.1 @ 45   | 20                   | .5 @ 1/1  | 4 @ 1/1  |
| 2N6235   |                | 325                        | 5                        | 25-125 @ 1/5  | .5 @ 1/1  | 1 @ 1/5  |   | .1 @ 350                                   | 50                                 | 1.1 @ 45   | 20                   | .5 @ 1/1  | 4 @ 1/1  |
| 2N6260   |                | 40                         | 3                        | 20-100 @ 1.5/4  | 1.5 @ 1.5/15  |  |   | 5 @ 40                                     | 30                                 |  |                      |   |  |
| 2N6261   |                | 80                         | 4                        | 25-100 @ 1.5/2  | .5 @ 1.5/15   |  |   | .5 @ 80                                    | 50                                 |  |                      |   |  |
| 2N6315   | 2N6317         | 60                         | 7                        | 20-100 @ 2.5/4  | 1 @ 4/4   | 1.5 @ 2.5/4  |   | .25 @ 60                                   | 90                                 | 3 @ 30   | 4                    | .7 @ .5/25  | 1.8 @ 2.5/25   |
| 2N6316   | 2N6318         | 80                         | 7                        | 20-100 @ 2.5/4  | 1 @ 4/4   | 1.5 @ 2.5/4  |   | .25 @ 80                                   | 90                                 | 3 @ 30   | 4                    | .7 @ .5/25  | 1.8 @ 2.5/25   |
| 2N6372   | 2N5956         | 40                         | 6                        | 20-100 @ 3/4  | 1 @ 3/3   | 2 @ 3/4  |   | .1 @ 45                                    | 40                                 | 1.1 @ 36   | 4                    | .7 @ 1.5/15   | 1.8 @ 1.5/15   |
| 2N6373   | 2N5955         | 60                         | 6                        | 20-100 @ 2.5/4  | 1 @ 2.5/25  | 2 @ 2.5/4  |   | .1 @ 65                                    | 40                                 | 1.1 @ 36   | 4                    | .7 @ 1.5/15   | 1.8 @ 1.5/15   |
| 2N6374   | 2N5954         | 80                         | 6                        | 20-100 @ 2/4  | 1 @ 2/2   | 2 @ 2/4  |   | .1 @ 85                                    | 40                                 | 1.1 @ 36   | 4                    | .7 @ 1.5/15   | 1.8 @ 1.5/15   |

NOTES: b) I<sub>CO</sub> @ V<sub>CB</sub> (mA @ V) g) I<sub>CS</sub> @ V<sub>CE</sub> (mA @ V) h) V<sub>CE</sub> (V) i) (typical)