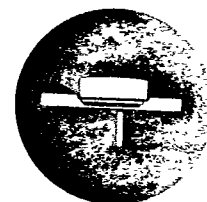


# POWER TRANSISTORS

| TYPE NO. | PT @ 25°C Watts | MAXIMUM RATINGS |       |       |     | hFE |     | @   |     | Sat Voltages |     | Test Conditions |      |      |
|----------|-----------------|-----------------|-------|-------|-----|-----|-----|-----|-----|--------------|-----|-----------------|------|------|
|          |                 | BVCBO           | BVCEO | BVEBO | Ic  | MIN | MAX | Ic  | VCE | VCE          | VBE | Ic              | Ib   | IEBO |
|          |                 | V               | V     | V     | A   |     |     | A   | V   | V            | V   | A               | A    | ma   |
| 2N1069   | 50              | 60              | 45    | 9     | 4   | 10  | 50  | 1.5 | 4   | 3            | 4.5 | 1.5             | .3   | .100 |
| 2N1070   | 50              | 60              | 45    | 9     | 4   | 10  | 50  | 1.5 | 4   | 1            | 4.5 | 1.5             | .3   | .100 |
| 2N1487   | 75              | 60              | 40    | 10    | 6   | 15  | 45  | 1.5 | 4   | 3            | 3.5 | 1.5             | .3   | .025 |
| 2N1488   | 75              | 100             | 55    | 10    | 6   | 15  | 45  | 1.5 | 4   | 3            | 3.5 | 1.5             | .3   | .025 |
| 2N1489   | 75              | 60              | 40    | 10    | 6   | 25  | 75  | 1.5 | 4   | 1            | 2.5 | 1.5             | .1   | .025 |
| 2N1490   | 75              | 100             | 55    | 10    | 6   | 27  | 75  | 1.5 | 4   | 1            | 2.5 | 1.5             | .1   | .025 |
| 2N1702   | 75              | 60              | 40    | 6     | 5   | 15  | 60  | .8  | 4   | 3.2          | 4   | .8              | .08  | 1    |
| 2N2305   | 75              | 60              | 40    | 6     | 6   | 15  | 60  | .8  | 4   | 1.2          | 4   | .6              | .06  | 1    |
| 2N3232   | 115             | 80              | 60    | 6     | 7.5 | 18  | 55  | 3   | 10  | 2.5          | 3.5 | 3               | .2   | 1    |
| 2N3233   | 115             | 110             | 100   | 6     | 7.5 | 18  | 55  | 3   | 10  | 2.5          | 3.5 | 3               | .2   | 1    |
| 2N3234   | 115             | 160             | 160   | 6     | 7.5 | 18  | 55  | 3   | 10  | 2.5          | 3.5 | 3               | .2   | 1    |
| 2N3235   | 115             | 65              | 55    | 7     | 15  | 20  | 70  | 4   | 4   | 1.1          | 1.8 | 4               | .4   | 5    |
| 2N3236   | 150             | 90              | 90    | 7     | 15  | 17  | 60  | 5   | 4   | 1.1          | 1.8 | 5               | .5   | 2    |
| 2N3237   | 200             | 90              | 75    | 7     | 20  | 12  | 36  | 10  | 8   | 2            | 3   | 10              | 1.35 | 5    |
| 2N3238   | 150             | 80              | 80    | 8     | 15  | 8.5 | 25  | 10  | 12  | 3            | 4   | 10              | 1.33 | 5    |
| 2N3239   | 150             | 80              | 80    | 8     | 15  | 8.5 | 25  | 10  | 10  | 1            | 2   | 10              | 1.33 | 5    |
| 2N3240   | 150             | 160             | 160   | 8     | 15  | 8.5 | 25  | 10  | 10  | 1            | 2   | 10              | 1.33 | 5    |
| 2N3667   | 150             | 50              | 50    | 7     | 15  | 15  | 60  | 8   | 3   | 1.6          | 2.4 | 8               | .8   | 5    |
| 2N3713   | 150             | 80              | 60    | 7     | 10  | 25  | 75  | 1   | 2   | 1            | 1.5 | 5               | .5   | 1    |
| 2N3714   | 150             | 100             | 80    | 7     | 10  | 25  | 75  | 1   | 2   | 1            | 1.5 | 5               | .5   | 1    |
| 2N3715   | 150             | 80              | 60    | 7     | 10  | 50  | 150 | 1   | 2   | .8           | 1.5 | 5               | .5   | 1    |
| 2N3716   | 150             | 100             | 80    | 7     | 10  | 50  | 150 | 1   | 2   | .8           | 1.5 | 5               | .5   | 1    |
| 2N3863   | 117             | 70              | 50    | 7     | 7.5 | 30  | 60  | 3   | 2   | 1            | 2   | 3               | .2   | 1    |
| 2N3864   | 117             | 110             | 90    | 7     | 7.5 | 30  | 90  | 3   | 2   | 1            | 2   | 3               | .2   | 1    |
| 2N3865   | 117             | 160             | 150   | 7     | 7.5 | 30  | 90  | 3   | 2   | 1            | 2   | 3               | .2   | 1    |
| 2N4913   | 88              | 40              | 40    | 5     | 5   | 25  | 100 | 2.5 | 2   | 1.5          | 1.5 | 5               | 1    | 1    |
| 2N4914   | 88              | 60              | 60    | 5     | 5   | 25  | 100 | 2.5 | 2   | 1.5          | 1.5 | 5               | 1    | 1    |
| 2N4915   | 88              | 80              | 80    | 5     | 5   | 25  | 100 | 2.5 | 2   | 1.5          | 1.5 | 5               | 1    | 1    |



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POWER-SX