

2N1545-2N1641

| TYPE | MATERIAL | POLARITY | REPLACE- MENT | PAGE NUMBER | USE | MAXIMUM RATINGS | | | | | ELECTRICAL CHARACTERISTICS | | | | | | | | | |
|---------|----------|----------|------------------|----------------|-----|-----------------|----------------|-----------------|-----------------|-----------|----------------------------------|-------|---------------------------------------|---------|-----------------|-----------|----------------|-----------|-------|---|
| | | | | | | P _D | T _J | V _{CB} | V _{CE} | Subscript | h _{FE} @ I _C | | V _{CE(SAT)} @ I _C | | h _{FE} | Subscript | f _T | Subscript | | |
| | | | | | | @ 25°C | °C | (volts) | (volts) | | (min) | (max) | Units | (volts) | | | | | Units | |
| 2N1545 | G | P | | 7-64 | LPA | 90W | C | 100 | 80 | 45 | S | 75 | 150 | 3.0A | 0.2 | 3.0A | | | 1.0K | E |
| 2N1545A | G | P | | 7-64 | LPA | 90W | C | 100 | 60 | 60 | S | 75 | 150 | 3.0A | 0.2 | 3.0A | | | 3.0K | E |
| 2N1546 | G | P | | 7-64 | LPA | 90W | C | 100 | 80 | 60 | S | 75 | 150 | 3.0A | 0.2 | 3.0A | | | 1.0K | E |
| 2N1546A | G | P | | 7-64 | LPA | 90W | C | 100 | 80 | 60 | S | 75 | 150 | 3.0A | 0.2 | 3.0A | | | 3.0K | E |
| 2N1547 | G | P | | 7-64 | LPA | 90W | C | 100 | 100 | 75 | S | 75 | 150 | 3.0A | 0.2 | 3.0A | | | 1.0K | E |
| 2N1547A | G | P | | 7-64 | LPA | 90W | C | 100 | 100 | 75 | S | 75 | 150 | 3.0A | 0.2 | 3.0A | | | 3.0K | E |
| 2N1548 | G | P | | 7-64 | LPA | 90W | C | 100 | 120 | 90 | S | 75 | 150 | 3.0A | 0.2 | 3.0A | | | 1.0K | E |
| 2N1549 | G | P | | 7-67 | LPA | 90W | C | 100 | 40 | 30 | S | 10 | 30 | 10A | 1.0 | 10A | | | | |
| 2N1549A | G | P | | 7-67 | LPA | 90W | C | 100 | 40 | 30 | S | 10 | 30 | 10A | 1.0 | 10A | | | 5.0K | E |
| 2N1550 | G | P | | 7-67 | LPA | 90W | C | 100 | 60 | 45 | S | 10 | 30 | 10A | 1.0 | 10A | | | | |
| 2N1550A | G | P | | 7-67 | LPA | 90W | C | 100 | 60 | 45 | S | 10 | 30 | 10A | 1.0 | 10A | | | 5.0K | E |
| 2N1551 | G | P | | 7-67 | LPA | 90W | C | 100 | 80 | 60 | S | 10 | 30 | 10A | 1.0 | 10A | | | | |
| 2N1551A | G | P | | 7-67 | LPA | 90W | C | 100 | 80 | 60 | S | 10 | 30 | 10A | 1.0 | 10A | | | 5.0K | E |
| 2N1552 | G | P | | 7-67 | LPA | 90W | C | 100 | 100 | 75 | S | 10 | 30 | 10A | 1.0 | 10A | | | | |
| 2N1552A | G | P | | 7-67 | LPA | 90W | C | 100 | 100 | 75 | S | 10 | 30 | 10A | 1.0 | 10A | | | 5.0K | E |
| 2N1553 | G | P | | 7-67 | LPA | 90W | C | 100 | 40 | 30 | S | 30 | 60 | 10A | 0.5 | 10A | | | 1.0K | E |
| 2N1553A | G | P | | 7-67 | LPA | 90W | C | 100 | 40 | 20 | O | 30 | 60 | 10A | 0.5 | 10A | | | 3.0K | E |
| 2N1554 | G | P | | 7-67 | LPA | 90W | C | 100 | 60 | 45 | S | 30 | 60 | 10A | 0.5 | 10A | | | 1.0K | E |
| 2N1554A | G | P | | 7-67 | LPA | 90W | C | 100 | 60 | 30 | O | 30 | 60 | 10A | 0.5 | 10A | | | 3.0K | E |
| 2N1555 | G | P | | 7-67 | LPA | 90W | C | 100 | 80 | 60 | O | 30 | 60 | 10A | 0.5 | 10A | | | 1.0K | E |
| 2N1555A | G | P | | 7-67 | LPA | 90W | C | 100 | 80 | 40 | O | 30 | 60 | 10A | 0.5 | 10A | | | 3.0K | E |
| 2N1556 | G | P | | 7-67 | LPA | 90W | C | 100 | 100 | 75 | S | 30 | 60 | 10A | 0.5 | 10A | | | 1.0K | E |
| 2N1556A | G | P | | 7-67 | LPA | 90W | C | 100 | 100 | 50 | O | 30 | 60 | 10A | 0.5 | 10A | | | 3.0K | E |
| 2N1557 | G | P | | 7-67 | LPA | 90W | C | 100 | 40 | 30 | S | 50 | 100 | 10A | 0.4 | 10A | | | 1.0K | E |
| 2N1557A | G | P | | 7-67 | LPA | 90W | C | 100 | 40 | 20 | O | 50 | 100 | 10A | 0.5 | 10A | | | 3.0K | E |
| 2N1558 | G | P | | 7-67 | LPA | 90W | C | 100 | 60 | 45 | S | 50 | 100 | 10A | 0.4 | 10A | | | 1.0K | E |
| 2N1558A | G | P | | 7-67 | LPA | 90W | C | 100 | 60 | 30 | O | 50 | 100 | 10A | 0.5 | 10A | | | 3.0K | E |
| 2N1559 | G | P | | 7-67 | LPA | 90W | C | 100 | 80 | 60 | S | 50 | 100 | 10A | 0.4 | 10A | | | 1.0K | E |
| 2N1559A | G | P | | 7-67 | LPA | 90W | C | 100 | 80 | 40 | O | 50 | 100 | 10A | 0.5 | 10A | | | 3.0K | E |
| 2N1560 | G | P | | 7-67 | LPA | 90W | C | 100 | 100 | 75 | S | 50 | 100 | 10A | 0.4 | 10A | | | 1.0K | E |
| 2N1560A | G | P | | 7-67 | LPA | 90W | C | 100 | 100 | 50 | O | 50 | 100 | 10A | 0.5 | 10A | | | 3.0K | E |
| 2N1561 | G | P | | 9-24 | RFA | 250M | A | 100 | 25 | 15 | O | | | | 3.0 | 200M | | | | |
| 2N1562 | G | P | | 9-24 | RFA | 250M | A | 100 | 25 | 15 | O | | | | 4.0 | 200M | | | | |
| 2N1564 | S | N | 2N2218 | 8-108 | AFA | 600M | A | 175 | 80 | 60 | O | 15 | 50 | 5.0M | 1.0 | 10M | | | 20 | E |
| 2N1565 | S | N | 2N2218 | 8-108 | AFA | 600M | A | 175 | 80 | 60 | O | 30 | 100 | 5.0M | 1.0 | 10M | | | 40 | E |
| 2N1566 | S | N | 2N2219 | 8-108 | AFA | 600M | A | 175 | 80 | 60 | O | 60 | 200 | 5.0M | 1.0 | 10M | | | 80 | E |
| 2N1566A | S | N | 2N2219 | 8-108 | AFA | 600M | A | 175 | 80 | 60 | O | 60 | 200 | 5.0M | 0.95 | 10M | | | 80 | E |
| 2N1572 | S | N | | | AFA | 600M | A | 175 | 125 | 80 | O | 15 | 50 | 5.0M | 1.0 | 10M | | | 20 | E |
| 2N1573 | S | N | | | AFA | 600M | A | 175 | 125 | 80 | O | 30 | 100 | 5.0M | 1.0 | 10M | | | 40 | E |
| 2N1574 | S | N | | | AFA | 600M | A | 175 | 125 | 80 | O | 60 | 200 | 5.0M | 1.0 | 10M | | | 80 | E |
| 2N1585 | G | N | | | RFA | 750M | A | 100 | 25 | 10 | O | 20 | | 10M | | | | | | |
| 2N1586 | S | N | | | AFA | 125M | A | 85 | 15 | 10 | O | 5.0 | 27 | 1.0M | 1.5 | 5.0M | | | 9.0 | E |
| 2N1587 | S | N | | | AFA | 125M | A | 85 | 30 | 20 | O | 5.0 | 27 | 1.0M | 1.5 | 5.0M | | | 9.0 | E |
| 2N1588 | S | N | | | AFA | 125M | A | 85 | 60 | 40 | O | 5.0 | 27 | 1.0M | 1.5 | 5.0M | | | 9.0 | E |
| 2N1589 | S | N | | | AFA | 125M | A | 85 | 15 | 10 | O | 20 | 75 | 1.0M | 1.5 | 5.0M | | | 25 | E |
| 2N1590 | S | N | | | AFA | 125M | A | 85 | 30 | 20 | O | 20 | 75 | 1.0M | 1.3 | 5.0M | | | 25 | E |
| 2N1591 | S | N | | | AFA | 125M | A | 85 | 60 | 40 | O | 20 | 75 | 1.0M | 1.3 | 5.0M | | | 25 | E |
| 2N1592 | S | N | | | AFA | 125M | A | 85 | 15 | 10 | O | 40 | 210 | 1.0M | 1.5 | 5.0M | | | 70 | E |
| 2N1593 | S | N | | | AFA | 125M | A | 85 | 30 | 20 | O | 40 | 210 | 1.0M | 1.5 | 5.0M | | | 70 | E |
| 2N1594 | S | N | | | AFA | 125M | A | 85 | 30 | 40 | O | 40 | 210 | 1.0M | 1.5 | 5.0M | | | 70 | E |
| 2N1595 | | | | | | | | | | | | | | | | | | | | |
| thru | | | | | | | | | | | | | | | | | | | | |
| 2N1604 | | | | | | | | | | | | | | | | | | | | |
| 2N1605 | G | N | | | MSS | 150M | A | 100 | 25 | 24 | O | 40 | | 20M | 0.15 | 12M | | | 4.0M | B |
| 2N1605A | G | N | | | MSS | 0.2W | A | 100 | 40 | 40 | O | 40 | | 20M | 0.15 | 12M | | | 4.0M | B |
| 2N1606 | S | P | | | HSS | 100M | A | 140 | 10 | 10 | S | 6.0 | 30 | 15M | 0.15 | 5.0M | | | 7.2M | T |
| 2N1607 | S | P | | | HSS | 100M | A | 140 | 10 | 10 | S | 6.0 | 30 | 15M | 0.15 | 5.0M | | | 10M | T |
| 2N1608 | S | P | | | HSS | 100M | A | 140 | 10 | 10 | S | 6.0 | 30 | 15M | 0.15 | 5.0M | | | 25M | T |
| 2N1609 | G | P | 2N2140 | 7-78 | LPA | | | 95 | 80 | 60 | O | 30 | 75 | 100M | 1.0 | 500M | | | | |
| 2N1610 | G | P | 2N2145 | 7-78 | LPA | | | 95 | 80 | 60 | O | 50 | 125 | 100M | 0.6 | 500M | | | | |
| 2N1611 | G | P | 2N2138 | 7-78 | LPA | | | 95 | 60 | 40 | O | 30 | 75 | 100M | 1.0 | 500M | | | | |
| 2N1612 | G | P | 2N2143 | 7-78 | LPA | | | 95 | 60 | 40 | O | 50 | 125 | 100M | 0.6 | 500M | | | | |
| 2N1613 | S | N | | 8-30 | MSA | 800M | A | 200 | 75 | 50 | R | 40 | 120 | 150M | 1.5 | 150M | | | 30 | E |
| 2N1613A | S | N | 2N2218 | 8-108 | MSA | 1.0W | A | 200 | 75 | 50 | R | 40 | 120 | 150M | 1.0 | 150M | | | 30 | E |
| 2N1613B | S | N | | | MSA | 1.0W | A | 200 | 120 | 55 | R | 40 | 120 | 150M | 0.2 | 150M | | | 30 | E |
| 2N1614 | G | P | 2N1924 | 6-37 | MSA | 240M | A | 100 | 65 | 40 | R | 18 | 43 | 20M | 0.13 | 20M | | | | |
| 2N1615 | S | N | | | RFA | 5.5M | A | 200 | 100 | 100 | O | 25 | | 5.0M | 5.0 | 50M | | | | |
| 2N1616 | S | N | 2N3487 | 7-115 | HPA | 60W | C | 175 | 60 | 60 | O | 15 | 75 | 2.0A | 2.0 | 2.0A | | | | |
| 2N1616A | S | N | 2N3487 | 7-115 | LPA | 85W | C | 200 | 60 | 60 | O | 20 | 60 | 2.0A | 1.0 | 2.0A | | | | |
| 2N1617 | S | N | 2N3487 | 7-115 | HPA | 60W | C | 175 | 80 | 80 | V | 15 | 75 | 2.0A | 2.0 | 2.0A | | | | |
| 2N1617A | S | N | 2N3487 | 7-115 | LPA | 85W | C | 200 | 80 | 70 | O | 20 | 60 | 2.0A | 1.0 | 2.0A | | | | |
| 2N1618 | S | N | 2N3488 | 7-115 | HPA | 80W | C | 175 | 100 | 100 | V | 15 | 75 | 2.0A | 2.0 | 2.0A | | | | |
| 2N1618A | S | N | 2N3488 | 7-115 | LPA | 85W | C | 200 | 100 | 80 | O | 20 | 60 | 2.0A | 1.0 | 2.0A | | | | |
| 2N1620 | S | N | 2N3446 | 7-111 | HPA | 60W | C | 175 | 100 | 100 | V | 15 | 75 | 2.0A | 2.0 | 2.0A | | | | |
| 2N1622 | G | N | | | AFA | 0.12W | A | 85 | 90 | 90 | S | 40 | | 5.0M | | | | | | |
| 2N1623 | S | P | | | AFA | 250M | A | 160 | 50 | 20 | O | 9.0 | 40 | 1.0M | 0.3 | 5.0M | | | | |
| 2N1624 | G | N | | | MSS | 0.15W | A | 100 | 25 | 20 | R | 60 | 180 | 30M | | | | | | |
| 2N1631 | G | P | 2N3325 | 9-71 | RFC | 80M | A | 85 | 34 | | | | | | | | | | 40 | E |
| 2N1632 | G | P | 2N3325 | 9-71 | RFC | 80M | A | 85 | 34 | | | | | | | | | | 40 | E |
| 2N1633 | G | P | | | RFC | 80M | A | 85 | 34 | | | | | | | | | | 27 | E |
| 2N1634 | G | P | | | RFC | 80M | A | 85 | 34 | | | | | | | | | | 40 | E |
| 2N1635 | G | P | | | RFC | 80M | A | 85 | 34 | | | | | | | | | | 40 | E |
| 2N1636 | G | P | | | RFC | 80M | A | 85 | 34 | | | | | | | | | | 40 | E |
| 2N1637 | G | P | 2N3325 | 9-71 | RFC | 80M | A | 85 | 34 | | | | | | | | | | 40 | E |
| 2N1638 | G | P | 2N3325 | 9-71 | RFC | 80M | A | 85 | 34 | | | </ | | | | | | | | |