

2N4060-2N4227

| TYPE | MATERIAL | POLARITY | REPLACE- MENT | PAGE NUMBER | USE | MAXIMUM RATINGS | | | | | ELECTRICAL CHARACTERISTICS | | | | | | | | | | |
|---------|---|----------|------------------|----------------|-----|--------------------------|--|-----------------|--|-----------|---|--|--|-----------------|-----------|-------------------------|-----------|---|--|------|-------|
| | | | | | | P _D @ 25°C | V _{CE(sat)} @ I _C | V _{CE} | V _{CE(sat)} @ I _C | Subscript | f _{FE} @ I _C (min) (max) | V _{CE(sat)} @ I _C Units | V _{CE(sat)} @ I _C Units | h _{FE} | Subscript | f _T Units | Subscript | | | | |
| 2N4060 | S | P | MPS6516 | 5-113 | AFC | 0.25W | A | 150 | 30 | 30 | 0 | 45 | 165 | 1.0M | 0.7 | 10M | 45 | E | | | |
| 2N4061 | S | P | MPS6517 | 5-113 | AFC | 0.25W | A | 150 | 30 | 30 | 0 | 90 | 330 | 1.0M | 0.7 | 10M | 90 | E | | | |
| 2N4062 | S | P | MPS6518 | 5-113 | AFC | 0.25W | A | 150 | 30 | 30 | 0 | 180 | 660 | 1.0M | 0.7 | 10M | 180 | E | | | |
| 2N4063 | S | N | | | LPA | 10W | C | 200 | 450 | 350 | 0 | 40 | 160 | 0.02A | | | | | | 15M | |
| 2N4064 | S | N | | | LPA | 10W | C | 200 | 300 | 250 | 0 | 40 | 160 | 0.02A | | | | | | 15M | |
| 2N4065 | Field Effect Transistors, see Table on Page 1-166 | | | | | | | | | | | | | | | | | | | | |
| 2N4066 | S | N | | | RFA | 500M | A | 175 | 150 | 150 | 0 | 30 | | 30M | | | | | | 50M | |
| 2N4068 | S | N | | | LPA | 1.0W | C | 175 | 150 | 150 | 0 | 30 | | 0.03A | 0.68 | 5.0A | 40 | E | | 50M | |
| 2N4069 | S | N | 2N3448 | 7-111 | LPA | 115W | C | 200 | 100 | 80 | 0 | 40 | 120 | 5.0A | | | | | | 10M | |
| 2N4070 | S | N | | 9-112 | HPA | 1.5W | C | 200 | 40 | 20 | 0 | 19 | | 25A | | | | | | 550M | |
| 2N4072 | S | N | | 9-112 | HPA | 1.5W | C | 200 | 40 | 20 | 0 | 10 | | 25A | | | | | | 550M | |
| 2N4073 | S | N | | | HPA | 1.5W | C | 200 | 40 | 20 | 0 | 10 | | 25A | | | | | | 550M | |
| 2N4074 | S | N | | | RFA | 400M | A | 175 | 40 | 40 | 0 | | | | | | 400 | E | | 30M | |
| 2N4075 | S | N | 2N3764 | 8-273 | LPA | 30W | C | 200 | | 80 | 0 | 30 | 90 | | | | | | | 30M | |
| 2N4076 | S | N | | | LPA | 30W | C | 200 | | 80 | 0 | 50 | 150 | | | | | | | 30M | |
| 2N4080 | S | P | | | HPA | 300M | A | 200 | | 15 | 0 | 20 | | 3.0M | | | | | | 1.0G | |
| 2N4082 | Field Effect Transistors, see Table on Page 1-166 | | | | | | | | | | | | | | | | | | | | |
| 2N4085 | S | N | | | RFA | 200M | A | | 12 | 12 | 0 | 150 | 300 | 2.0M | | | | | | 150 | |
| 2N4086 | S | N | MPS6514 | 5-109 | AFA | 200M | A | | 12 | 12 | 0 | 250 | 500 | 2.0M | | | | | | 250 | |
| 2N4087 | S | N | MPS6515 | 5-109 | AFA | 200M | A | | 12 | 12 | 0 | 250 | 500 | 2.0M | | | | | | 250 | |
| 2N4087A | S | N | MPS6515 | 5-109 | AFC | 200M | A | | 12 | 12 | 0 | 250 | 500 | 2.0M | | | | | | 250 | |
| 2N4088 | Field Effect Transistors, see Table on Page 1-166 | | | | | | | | | | | | | | | | | | | | |
| 2N4095 | Thyristors, see Table on Page 1-154 | | | | | | | | | | | | | | | | | | | | |
| 2N4096 | Thyristors, see Table on Page 1-154 | | | | | | | | | | | | | | | | | | | | |
| 2N4098 | Thyristors, see Table on Page 1-154 | | | | | | | | | | | | | | | | | | | | |
| 2N4099 | S | N | | | DFA | 300M | A | 200 | 55 | 55 | 0 | 175 | | 1.0M | | | | | | 150M | |
| 2N4100 | S | N | | | DFA | 400M | A | 200 | 55 | 55 | 0 | 175 | | 1.0M | | | | | | | 150M |
| 2N4101 | Thyristors, see Table on Page 1-154 | | | | | | | | | | | | | | | | | | | | |
| 2N4103 | S | N | | | RFA | 300M | A | 175 | 60 | 60 | 0 | | | | | | 1400 | E | | 540M | |
| 2N4104 | G | P | MP2060 | 7-220 | AFA | 1.6W | A | | | | | 70 | 350 | 5.0M | | | | | | | |
| 2N4106 | Thyristors, see Table on Page 1-154 | | | | | | | | | | | | | | | | | | | | |
| 2N4108 | Thyristors, see Table on Page 1-154 | | | | | | | | | | | | | | | | | | | | |
| 2N4110 | Thyristors, see Table on Page 1-154 | | | | | | | | | | | | | | | | | | | | |
| 2N4111 | S | N | | | LPA | 30W | C | | 100 | 60 | 0 | 40 | 120 | 2.0A | | | | | | 70M | |
| 2N4112 | S | N | | | LPA | 30W | C | | 100 | 60 | 0 | 100 | 300 | 2.0A | | | | | | | 80M |
| 2N4113 | S | N | | | LPA | 30W | C | | 120 | 80 | 0 | 40 | 120 | 2.0A | | | | | | | 70M |
| 2N4114 | S | N | | | LPA | 3.0W | A | | 120 | 80 | 0 | 100 | 300 | 2.0A | | | | | | | 80M |
| 2N4115 | S | N | | | LPA | 37W | C | | 120 | 80 | 0 | 40 | 120 | 2.0A | | | | | | | 70M |
| 2N4116 | S | N | | | LPA | 37W | C | | 120 | 80 | 0 | 100 | 300 | 2.0A | | | | | | | 80M |
| 2N4117A | Field Effect Transistors, see Table on Page 1-166 | | | | | | | | | | | | | | | | | | | | |
| 2N4120A | S | P | 2N3905 | 5-16 | RFA | 200M | A | 125 | 40 | 40 | 0 | 70 | | 10M | | | | | | 50 | |
| 2N4121 | S | P | 2N3906 | 5-16 | RFA | 200M | A | 125 | 40 | 40 | 0 | 70 | | 10M | | | | | | 50 | |
| 2N4122 | S | P | 2N3906 | 5-16 | RFA | 200M | A | 125 | 40 | 40 | 0 | 150 | | 10M | | | | | | 150 | |
| 2N4123 | S | N | | 5-21 | HPA | 310M | A | 135 | 40 | 30 | 0 | 50 | 150 | 2.0M | 0.3 | 50M | 150 | E | | 450M | |
| 2N4124 | S | N | | 5-21 | HPA | 310M | A | 135 | 30 | 25 | 0 | 120 | 360 | 2.0M | 0.3 | 50M | 120 | E | | 250M | |
| 2N4125 | S | P | | 5-25 | HPA | 310M | A | 135 | 30 | 30 | 0 | 50 | 150 | 2.0M | 0.4 | 50M | 50 | E | | 300M | |
| 2N4126 | S | P | | 5-25 | HPA | 310M | A | 135 | 25 | 25 | 0 | 120 | 360 | 2.0M | 0.4 | 50M | 120 | E | | 250M | |
| 2N4127 | S | N | | | LPA | 25W | C | | 60 | 40 | 0 | 10 | 80 | 0.2A | | | | | | | 300M |
| 2N4128 | S | N | | | LPA | 40W | C | | 60 | 40 | 0 | 10 | 80 | 0.2A | | | | | | | 200M |
| 2N4130 | S | N | | | LPA | 120W | C | | 80 | 65 | 0 | 10 | 60 | 2.0A | | | | | | | 1.25M |
| 2N4131 | S | N | | | LPA | 60W | C | | 90 | 80 | 0 | 10 | 80 | 1.0A | | | | | | | 150M |
| 2N4134 | S | N | | | RFA | 200M | A | 200 | 30 | 30 | 0 | | | | | | | | | 200 | |
| 2N4135 | S | N | | | RFA | 200M | A | 200 | 30 | 30 | 0 | | | | | | | | | 200 | |
| 2N4136 | Pair of 2N4130 and 2N4131 | | | | | | | | | | | | | | | | | | | | |
| 2N4137 | S | N | | | PMS | 360M | A | 200 | 40 | 40 | 0 | 40 | 120 | 10M | | | | | | | 500M |
| 2N4138 | S | N | | | CHP | 300M | A | 200 | 30 | 30 | 0 | 50 | | 1.0M | | | | | | | 20M |
| 2N4139 | Thyristors, see Table on Page 1-154 | | | | | | | | | | | | | | | | | | | | |
| 2N4140 | S | N | 2N4400 | 5-34 | RFA | 300M | A | 125 | 60 | 30 | 0 | | 120 | 150M | | | | | | | 250M |
| 2N4141 | S | N | 2N4401 | 5-34 | RFA | 300M | A | 125 | 60 | 30 | 0 | | 300 | 150M | | | | | | | 250M |
| 2N4142 | S | P | 2N4402 | 5-39 | RFA | 300M | A | 125 | 60 | 40 | 0 | | 120 | 150M | | | | | | | 200M |
| 2N4143 | S | P | 2N4403 | 5-39 | RFA | 300M | A | 125 | 60 | 40 | 0 | | 300 | 150M | | | | | | | 200M |
| 2N4144 | Thyristors, see Table on Page 1-154 | | | | | | | | | | | | | | | | | | | | |
| 2N4149 | S | N | | | LPA | 5W | C | | 100 | 80 | 0 | 40 | 120 | 5.0A | | | | | | | 15M |
| 2N4150 | Thyristors, see Table on Page 1-154 | | | | | | | | | | | | | | | | | | | | |
| 2N4151 | Thyristors, see Table on Page 1-154 | | | | | | | | | | | | | | | | | | | | |
| 2N4204 | Thyristors, see Table on Page 1-154 | | | | | | | | | | | | | | | | | | | | |
| 2N4207 | S | P | | | HSS | 300M | A | 200 | 6.0 | 6.0 | 0 | 50 | 120 | 10M | | | | | | | 650M |
| 2N4208 | S | P | | | HSS | 300M | A | 200 | 12 | 12 | 0 | 30 | 120 | 10M | | | | | | | 700M |
| 2N4209 | S | P | | | HSS | 300M | A | 200 | 15 | 15 | 0 | 50 | 120 | 10M | | | | | | | 850M |
| 2N4210 | S | N | | | LPA | 100W | C | | 80 | 60 | 0 | 20 | 100 | 10A | | | | | | | 10M |
| 2N4211 | S | N | | | LPA | 100W | C | | 100 | 80 | 0 | 20 | 100 | 10A | | | | | | | 10M |
| 2N4212 | Thyristors, see Table on Page 1-154 | | | | | | | | | | | | | | | | | | | | |
| 2N4216 | Thyristors, see Table on Page 1-154 | | | | | | | | | | | | | | | | | | | | |
| 2N4220A | Field Effect Transistors, see Table on Page 1-166 | | | | | | | | | | | | | | | | | | | | |
| 2N4224 | Field Effect Transistors, see Table on Page 1-166 | | | | | | | | | | | | | | | | | | | | |
| 2N4225 | S | N | | | LPA | 5.0W | C | | 100 | 40 | 0 | 40 | 150 | 1.0A | | | | | | | 150M |
| 2N4226 | S | N | | | LPA | 5.0W | C | | 200 | 60 | 0 | 40 | 150 | 1.0A | | | | | | | 150M |
| 2N4227 | S | N | 2N4400 | 5-34 | MSA | 300M | A | 125 | 60 | 30 | 0 | | 150 | 150M | | | | | | | 250M |