

| TRANSISTOR NUMBER | P M O A L T | PACK-AGE | LEAD INFO | V _{CB} MAX | V _{CE} MAX | V _{ED} MAX | I _C MAX | T _J MAX | P TOT | F _r MIN | C _{OB} MAX | H _{FE} | H _{FE} BIAS | USE | MFR | ALTERNATIVES AND NOTES |
|-------------------|-------------|----------|-----------|---------------------|---------------------|---------------------|--------------------|--------------------|--------|--------------------|---------------------|-----------------|----------------------|-----|-----|------------------------|
| 2N1019 | N G | OBS | OBS | 30V | - | 30V | 3A | 90C | 10WC | 50K | - | 15Ktp | 1A | AHD | OBS | - |
| 2N1020 | P G | OBS | OBS | 30V | - | 30V | 3A | 90C | 10WC | 50K | - | 15Ktp | 1A | AHD | OBS | - |
| 2N1021 | P G | TO3 | L05 | 100V | 50V | 30V | 5A | 95C | 85WC | 200K | - | 30/90 | 5A | AHH | TIS | ASZ15 2N1533 |
| 2N1021A | P G | TO3 | L05 | 100V | 55V | 20V | 7A | 100C | 150WC | 100K | - | 30/90 | 5A | AHH | OBS | ASZ15 2N1533 |
| 2N1022 | P G | TO3 | L05 | 120V | 50V | 30V | 5A | 95C | 85WC | 200K | - | 30/90 | 5A | AHH | TIS | ASZ15 2N1533 |
| 2N1022A | P G | TO3 | L05 | 120V | 55V | 20V | 7A | 100C | 150WC | 200K | - | 30/90 | 5A | AHH | OBS | ASZ15 2N1533 |
| 2N1023 | P G | TO44 | L36 | 40V | - | - | 10mA | 100C | 120mWF | 50M | 4P0 | 20/175 | 1500uA | VLA | RCA | AF124 2N990 |
| 2N1024 | P S | TO5 | L04 | 18V | 15V | 18V | 100mA | 175C | 250mWF | 1M | 14P | 9mm | 1mA | ALA | OBS | BCY32 2N1475 |
| 2N1025 | P S | TO5 | L04 | 40V | 35V | 40V | 100mA | 175C | 250mWF | 1M | 14P | 9/22 | 1mA | ALA | OBS | BCY32 2N1475 |
| 2N1026 | P S | TO5 | L04 | 40V | 35V | 40V | 100mA | 175C | 250mWF | 2M | 14P | 18/44 | 1mA | ALA | OBS | BCY32 2N1475 |
| 2N1026A | P S | TO5 | L04 | 35V | 35V | - | 100mA | 200C | 400mWF | 2M | 14P | 36/88 | 1mA | ALA | OBS | BCY32 2N1475 |
| 2N1027 | P S | TO5 | L04 | 18V | 15V | 18V | 100mA | 175C | 250mWF | 4M | 14P | 18mm | 1mA | ALA | OBS | BCY32 2N1475 |
| 2N1028 | P S | TO5 | L04 | 18V | 10V | 12V | 100mA | 175C | 250mWF | 3M | 14P | 9mm | 1mA | ALA | OBS | BCY32 2N1475 |
| 2N1029 | P G | TO3 | L05 | 50V | 20V | 25V | 15A | 100C | 90WC | - | - | 20/60 | 10A | AHG | OBS | ASZ16 2N1536 |
| 2N1029A | P G | TO3 | L05 | 50V | 40V | 25V | 15A | 100C | 90WC | - | - | 20/60 | 10A | AHG | OBS | ASZ16 2N1536 |
| 2N1029B | P G | TO3 | L05 | 90V | 70V | 25V | 15A | 100C | 90WC | - | - | 20/60 | 10A | AHH | OBS | ASZ15 2N1533 |
| 2N1029C | P G | TO3 | L05 | 100V | 80V | 25V | 15A | 100C | 90WC | - | - | 20/60 | 10A | AHH | OBS | ASZ15 2N1533 |
| 2N1030 | P G | TO3 | L05 | 50V | 30V | 25V | 15A | 100C | 90WC | - | - | 50/100 | 10A | AHH | OBS | - |
| 2N1030A | P G | TO3 | L05 | 60V | 40V | 25V | 15A | 100C | 90WC | - | - | 50/100 | 10A | AHG | OBS | - |
| 2N1030B | P G | TO3 | L05 | 90V | 75V | 25V | 15A | 100C | 90WC | - | - | 50/100 | 10A | AHH | OBS | - |
| 2N1030C | P G | TO3 | L05 | 100V | 80V | 25V | 15A | 100C | 90WC | - | - | 50/100 | 10A | AHH | OBS | - |
| 2N1031 | P G | X07 | L05 | 50V | 30V | 25V | 15A | 100C | 90WC | - | - | 20/60 | 10A | AHG | OBS | - |
| 2N1031A | P G | X07 | L05 | 60V | 40V | 25V | 15A | 100C | 90WC | - | - | 20/60 | 10A | AHG | OBS | - |
| 2N1031B | P G | X07 | L05 | 90V | 70V | 25V | 15A | 100C | 90WC | - | - | 20/60 | 10A | AHG | OBS | - |
| 2N1031C | P G | X07 | L05 | 100V | 80V | 25V | 15A | 100C | 90WC | - | - | 20/60 | 10A | AHH | OBS | - |
| 2N1032 | P G | X07 | L05 | 50V | 30V | 25V | 15A | 100C | 90WC | - | - | 50/100 | 10A | AHH | OBS | - |
| 2N1032A | P G | X07 | L05 | 60V | 40V | 25V | 15A | 100C | 90WC | - | - | 50/100 | 10A | AHH | OBS | - |
| 2N1032B | P G | X07 | L05 | 90V | 70V | 25V | 15A | 100C | 90WC | - | - | 50/100 | 10A | AHH | OBS | - |
| 2N1032C | P G | X07 | L05 | 100V | 80V | 25V | 15A | 100C | 90WC | - | - | 50/100 | 10A | AHH | OBS | - |
| 2N1034 | P S | TO5 | L04 | 50V | 40V | 20V | 50mA | 160C | 250mWF | 100K | 140P | 9/22 | 1mA | AHA | OBS | BCY32 2N1475 |
| 2N1035 | P S | TO5 | L04 | 50V | 35V | 20V | 50mA | 160C | 250mWF | 150K | 140P | 8/42 | 1mA | ALA | OBS | BCY32 2N1475 |
| 2N1036 | P S | TO5 | L04 | 50V | 30V | 20V | 50mA | 160C | 250mWF | 250K | 140P | 34/88 | 1mA | ALA | OBS | BCY32 2N1475 |
| 2N1037 | P S | TO5 | L04 | 50V | 35V | 20V | 50mA | 160C | 250mWF | 120K | 140P | 9/42 | 1mA | AHA | OBS | BCY32 2N1475 |
| 2N1038 | P G | TO5 | L04 | 40V | 30V | 20V | 3A | 95C | 800mWF | 200P | 200P | 20/60 | 1A | AHG | OBS | AD162 2N2835 |
| 2N1038-1 | P G | X26 | L59 | 40V | 30V | 20V | 3A | 95C | 1WF | 225K | 200P | 20/60 | 1A | AHG | OBS | AD162 2N2835 |
| 2N1038-2 | P G | X26 | L59 | 40V | 30V | 20V | 3A | 95C | 1WF | 225K | 200P | 20/60 | 1A | AHG | OBS | AD162 2N2835 |
| 2N1039 | P G | TO5 | L04 | 60V | 40V | 20V | 3A | 95C | 800mWF | 225K | 200P | 20/60 | 1A | AHG | OBS | AD162 2N2835 |
| 2N1039-1 | P G | X26 | L59 | 60V | 40V | 20V | 3A | 95C | 1WF | 225K | 200P | 20/60 | 1A | AHG | OBS | AD162 2N2835 |
| 2N1039-2 | P G | X26 | L59 | 60V | 40V | 20V | 3A | 95C | 1WF | 225K | 200P | 20/60 | 1A | AHG | OBS | AD162 2N2835 |
| 2N1040 | P G | TO5 | L04 | 80V | 50V | 20V | 3A | 95C | 800mWF | 225K | 200P | 20/60 | 1A | AHG | OBS | AD162 2N2835 |
| 2N1040-1 | P G | X26 | L59 | 80V | 50V | 20V | 3A | 95C | 1WF | 225K | 200P | 20/60 | 1A | AHG | OBS | AD162 2N2835 |
| 2N1040-2 | P G | X26 | L59 | 80V | 50V | 20V | 3A | 95C | 1WF | 225K | 200P | 20/60 | 1A | AHG | OBS | AD162 2N2835 |
| 2N1041 | P G | X26 | L59 | 100V | 60V | 20V | 3A | 95C | 1WF | 225K | 200P | 20/60 | 1A | AHH | OBS | ASZ15 2N1533 |
| 2N1041-1 | P G | X26 | L59 | 100V | 60V | 20V | 3A | 95C | 1WF | 225K | 200P | 20/60 | 1A | AHH | OBS | ASZ15 2N1533 |
| 2N1041-2 | P G | X26 | L59 | 100V | 60V | 20V | 3A | 95C | 1WF | 225K | 200P | 20/60 | 1A | AHH | OBS | ASZ15 2N1533 |
| 2N1042 | P G | X26 | L59 | 40V | 30V | 20V | 3A | 100C | 20WC | 225K | 200P | 20/60 | 3A | AHG | OBS | ASZ16 2N1536 |
| 2N1042-1 | P G | X26 | L59 | 40V | 30V | 20V | 3A | 100C | 20WC | 225K | 200P | 20/60 | 3A | AHG | OBS | ASZ16 2N1536 |
| 2N1042-2 | P G | X26 | L59 | 40V | 30V | 20V | 3A | 100C | 20WC | 225K | 200P | 20/60 | 3A | AHG | OBS | ASZ16 2N1536 |
| 2N1043 | P G | TO5 | L04 | 60V | 40V | 20V | 3A | 100C | 20WC | 225K | 200P | 20/60 | 3A | AHG | OBS | ASZ16 2N1536 |
| 2N1043-1 | P G | X26 | L59 | 60V | 40V | 20V | 3A | 100C | 20WC | 225K | 200P | 20/60 | 3A | AHG | OBS | ASZ16 2N1536 |
| 2N1043-2 | P G | X26 | L59 | 60V | 40V | 20V | 3A | 100C | 20WC | 225K | 200P | 20/60 | 3A | AHG | OBS | ASZ16 2N1536 |
| 2N1044 | P G | X26 | L29 | 80V | 50V | 20V | 3A | 100C | 20WC | 225K | 200P | 20/60 | 3A | AHH | OBS | ASZ15 2N1533 |
| 2N1044-1 | P G | X26 | L59 | 80V | 50V | 20V | 3A | 100C | 20WC | 225K | 200P | 20/60 | 3A | AHH | OBS | ASZ15 2N1533 |
| 2N1044-2 | P G | X26 | L59 | 80V | 50V | 20V | 3A | 100C | 20WC | 225K | 200P | 20/60 | 3A | AHH | OBS | ASZ15 2N1533 |
| 2N1045 | P G | X26 | L29 | 100V | 60V | 20V | 3A | 100C | 20WC | 225K | 200P | 20/60 | 3A | AHH | OBS | ASZ15 2N1533 |
| 2N1045-1 | P G | X26 | L59 | 100V | 60V | 20V | 3A | 100C | 20WC | 225K | 200P | 20/60 | 3A | AHH | OBS | ASZ15 2N1533 |
| 2N1045-2 | P G | X26 | L59 | 100V | 60V | 20V | 3A | 100C | 20WC | 225K | 200P | 20/60 | 3A | AHH | OBS | ASZ15 2N1533 |
| 2N1046 | P G | TO3 | L05 | 100V | 50V | 1V | 12A | 100C | 50WC | 15M | - | 40mn | 5A | RHG | TIS | AUY29-5 2N1167 |
| 2N1046A | P G | TO3 | L05 | 130V | 50V | 1V | 12A | 100C | 50WC | 15M | - | 40mn | 5A | RHH | TIS | AL100 2N2147 |
| 2N1046B | P G | TO3 | L05 | 130V | 50V | 1V | 12A | 100C | 50WC | 15M | - | 20mn | 10A | RHH | TIS | AL100 2N2147 |
| 2N1047 | N S | OBS | OBS | 80V | 80V | 6V | 500mA | 200C | 40WC | 2M | - | 12/36 | 500mA | RHG | TIS | BDY79 2N5050 |
| 2N1047A | N S | OBS | OBS | 80V | 80V | 10V | 500mA | 200C | 20WC | 2M | - | 12/36 | 500mA | RHG | TIS | BDY79 2N5050 |
| 2N1047B | N S | OBS | OBS | 80V | 80V | 10V | 750mA | 200C | 20WC | 6M | - | 12/36 | 500mA | RHG | TIS | BDY79 2N5050 |
| 2N1047C | N S | OBS | OBS | 80V | 80V | 10V | 750mA | 200C | 20WC | 8M | - | 12/38 | 500mA | RHH | TIS | BDY79 2N5050 |
| 2N1048 | N S | OBS | OBS | 120V | 120V | 6V | 500mA | 200C | 20WC | 2M | - | 12/36 | 500mA | RHH | TIS | BDY79 2N5050 |
| 2N1048A | N S | OBS | OBS | 120V | 120V | 10V | 500mA | 200C | 20WC | 2M | - | 12/36 | 500mA | RHH | TIS | BDY79 2N5050 |
| 2N1048C | N S | OBS | OBS | 80V | 80V | 10V | 750mA | 200C | 20WC | 8M | - | 12/38 | 500mA | RHH | TIS | BDY79 2N5050 |
| 2N1048B | N S | OBS | OBS | 120V | 120V | 10V | 750mA | 200C | 20WC | 6M | - | 12/36 | 500mA | RHH | TIS | BDY79 2N5050 |
| 2N1049 | N S | OBS | OBS | 80V | 80V | 6V | 500mA | 200C | 20WC | 2M | - | 30/90 | 500mA | RHG | TIS | BDY79 2N5050 |
| 2N1049A | N S | OBS | OBS | 80V | 80V | 10V | 500mA | 200C | 20WC | 2M | - | 30/90 | 500mA | RHG | TIS | BDY79 2N5050 |
| 2N1049B | N S | OBS | OBS | 80V | 80V | 10V | 750mA | 200C | 20WC | 6M | - | 30/90 | 500mA | RHG | TIS | BDY79 2N5050 |
| 2N1049C | N S | OBS | OBS | 80V | 80V | 10V | 500mA | 200C | 20WC | 2M | - | 30/90 | 500mA | RHG | OBS | BDY79 2N5050 |
| 2N1050 | N S | OBS | OBS | 120V | 120V | 6V | 500mA | 200C | 20WC | 2M | - | 30/90 | 500mA | RHH | TIS | BDY79 2N5050 |
| 2N1050A | N S | OBS | OBS | 120V | 120V | 10V | 500mA | 200C | 20WC | 2M | - | 30/90 | 500mA | RHH | TIS | BDY79 2N5050 |
| 2N1050B | N S | OBS | OBS | 120V | 120V | 10V | 750mA | 200C | 20WC | 6M | - | 30/90 | 500mA | RHH | TIS | BDY79 2N5050 |