

| TRANSISTOR NUMBER | PM OA LT | PACK-AGE | LEAD INFO | VCB MAX | VCE MAX | VEB MAX | I C MAX | T J MAX | P TOT  | F T MIN | C OB MAX | H FE   | H FE BIAS | USE   | MFR | EUR EQUIV | USA EQUIV | ISS    |   |
|-------------------|----------|----------|-----------|---------|---------|---------|---------|---------|--------|---------|----------|--------|-----------|-------|-----|-----------|-----------|--------|---|
| 2N969             | PG       | T018     | L01       | 12V     | 12V     | 2V      | 200MA   | 100C    | 150MWF | 300M    | 8P       | 17MN   | 10MA      | VLS   | OBS | BSW25     | 2N3546    | 0      |   |
| 2N970             | PG       | T018     | L01       | 12V     | 12V     | 1V3     | 200MA   | 100C    | 150MWF | 300M    | 8P       | 17MN   | 10MA      | VLS   | OBS | BSW25     | 2N3546    | 0      |   |
| 2N971             | PG       | T018     | L01       | 7V      | 7V      | 1V3     | 200MA   | 100C    | 150MWF | 300M    | 8P       | 17MN   | 10MA      | VLS   | OBS | BSW25     | 2N3546    | 0      |   |
| 2N972             | PG       | T018     | L01       | 15V     | 15V     | 2V5     | 200MA   | 100C    | 150MWF | 300M    | 8P       | 40MN   | 10MA      | VLS   | OBS | BSW25     | 2N3546    | 0      |   |
| 2N973             | PG       | T018     | L01       | 12V     | 12V     | 2V      | 200MA   | 100C    | 150MWF | 300M    | 8P       | 40MN   | 10MA      | VLS   | OBS | BSW25     | 2N3546    | 0      |   |
| 2N974             | PG       | T018     | L01       | 12V     | 12V     | 1V3     | 200MA   | 100C    | 150MWF | 300M    | 8P       | 40MN   | 10MA      | VLS   | OBS | BSW25     | 2N3546    | 0      |   |
| 2N975             | PG       | T018     | L01       | 7V      | 7V      | 1V3     | 200MA   | 100C    | 150MWF | 300M    | 8P       | 40MN   | 10MA      | VLS   | OBS | BSW25     | 2N3546    | 0      |   |
| 2N976             | PG       | T018     | L01       | 15V     | 10V     |         | 100MA   | 100C    | 100MWF | 250M    | 3P       | 30MN   | 20MA      | VLS   | OBS | BSW25     | 2N3546    | 0      |   |
| 2N977             | PG       | T018     | L01       | 15V     | 10V     |         | 100MA   | 100C    | 150MWF | 400M    | 3P       | 50MN   | 40MA      | VLS   | OBS | BSW25     | 2N3546    | 0      |   |
| 2N978             | PS       | T018     | L01       | 30V     | 20V     | 5V      | 500MA   | 175C    | 380MWF | 40M     | 45P      | 15/60  | 150MA     | AMG   | SGI | BSW24     | 2N2907A   | 0      |   |
| 2N979             | PG       | T018     | L01       | 20V     | 15V     | 2V      | 100MA   | 100C    | 60MWF  | 100M    | 3P       | 30MN   | 10MA      | VLS   | OBS | BSW25     | 2N3546    | 0      |   |
| 2N980             | PG       | T018     | L01       | 20V     | 12V     | 2V      | 100MA   | 100C    | 60MWF  | 100M    | 3P       | 30MN   | 10MA      | VLS   | OBS | BSW25     | 2N3546    | 0      |   |
| 2N981             | NS       | T018     | L01       | 80V     | 80V     | 8V      | 100MA   | 175C    | 500MWF | 50M     | 5P       | 36/100 | 1MA       | ALG   | NAT | BC107     | A157      | 0      |   |
| 2N982             | PG       | T018     | L01       | 20V     | 15V     | 2V      | 100MA   | 100C    | 60MWF  | 225M    | 3P       | 50MN   | 10MA      | VLS   | OBS | BSW25     | 2N3546    | 0      |   |
| 2N983             | PG       | T018     | L01       | 15V     | 15V     | 2V      | 100MA   | 100C    | 60MWF  | 225M    | 4P       | 40MN   | 10MA      | VLS   | OBS | BSW25     | 2N3546    | 0      |   |
| 2N984             | PG       | T018     | L01       | 15V     | 10V     | 2V      | 100MA   | 100C    | 60MWF  | 175M    | 4P       | 50MN   | 10MA      | VLS   | OBS | BSW25     | 2N3546    | 0      |   |
| 2N985             | PG       | T018     | L01       | 15V     | 7V      | 3V      | 200MA   | 100C    | 150MWF | 150M    | 12P      | 40MN   | 10MA      | VLS   | OBS | BSW25     | 2N3546    | 0      |   |
| 2N987             | PG       | T072     | L51       | 40V     | 40V     | 1V      | 10MA    | 75C     | 86MWF  | 50M     | 4P       | 40MN   | 1MA       | RLA   | MUB | AF124     | 2N990     | 1      |   |
| 2N988             | NS       | T018     | L01       | 20V     | 10V     | 3V      | 200MA   | 175C    | 300MWF | 300M    | 8P       | 20/120 | 10MA      | RMG   | OBS | BSW64     | 2N2222A   | 0      |   |
| 2N989             | NS       | T018     | L01       | 20V     | 10V     | 3V      | 200MA   | 175C    | 300MWF | 300M    | 7P       | 20/200 | 10MA      | RMG   | OBS | BSW64     | 2N2222A   | 0      |   |
| 2N990             | PG       | T018     | L01       | 20V     | 20V     | 1V      | 10MA    | 75C     | 67MWF  | 44M     | 5P       | 40MN   | 1MA       | VLA   | AMP | AF124     | 2N990     | 0      |   |
| 2N991             | PG       | T072     | L06       | 20V     | 20V     | 1V      | 10MA    | 75C     | 67MWF  | 44M     | 5P       | 40MN   | 1MA       | VLA   | OBS | AF124     | 2N990     | 0      |   |
| 2N992             | PG       | T072     | L06       | 20V     | 20V     | 1V      | 10MA    | 75C     | 67MWF  | 44M     | 5P       | 40MN   | 1MA       | VLA   | OBS | AF124     | 2N990     | 0      |   |
| 2N993             | PG       | T018     | L01       | 20V     | 20V     | 1V      | 10MA    | 75C     | 67MWF  | 44M     | 5P       | 40MN   | 1MA       | VLA   | OBS | AF124     | 2N990     | 0      |   |
| 2N994             | PG       | T018     | L01       | 15V     | 6V      |         | 150MA   | 150C    | 200MWF |         |          | 45/140 | 10MA      | VLS   | OBS | BSW25     | 2N3546    | 0      |   |
| 2N995             | PS       | T018     | L01       | 20V     | 15V     | 4V      | 200MA   | 175C    | 360MWF | 100M    | 10P      | 35MN   | 20MA      | ALG   | SGI | BSW24     | 2N2907A   | 0      |   |
| 2N995A            | PS       | T018     | L01       | 20V     | 15V     | 4V      | 200MA   | 175C    | 360MWF | 100M    | 6P       | 35/140 | 20MA      | ALG   | SGI | BSW24     | 2N2907A   | 0      |   |
| 2N996             | PS       | T018     | L01       | 15V     | 12V     | 4V      | 200MA   | 175C    | 360MWF | 100M    | 10P      | 30MN   | 60MA      | ALG   | SGI | BSW24     | 2N2907A   | 0      |   |
| 2N997             | NS       | T018     | L01       | 75V     | 40V     | 7V      | 300MA   | 200C    | 500MWF |         | 35P      | 1000MN | 100UA     | ALD   | SEU |           |           | 0      |   |
| 2N998             | NS       | T072     | L62       | 100V    | 60V     | 15V     | 500MA   | 200C    | 500MWF |         | 30P      | 1600MN | 10MA      | ALD   | SEU |           |           | 0      |   |
| 2N999             | NS       | T072     | L62       | 60V     | 60V     | 15V     | 500MA   | 200C    | 500MWF |         | 20P      | 7000MN | 100MA     | ALD   | SEU |           |           | 0      |   |
| 2N1000            | NG       | T05      | L04       | 40V     | 25V     | 40V     |         | 100C    | 150MWF |         | 6M       | 20P    | 40MN      | 10MA  | RLS | OBS       | ASY29     | 2N1304 | 0 |
| 2N1003            | PG       | OBS      | OBS       | 35V     | 20V     |         |         | 100C    | 120MWF |         |          |        | 10MN      | 1MA   | RLS | OBS       | ASY27     | 2N1305 | 0 |
| 2N1004            | PG       | OBS      | OBS       | 35V     | 20V     |         |         | 100C    | 120MWF |         |          |        | 10MN      | 1MA   | RLS | OBS       | ASY27     | 2N1305 | 0 |
| 2N1005            | NS       | OBS      | OBS       | 15V     | 15V     |         |         | 175C    | 150MWF |         |          |        | 10/37     | 10MA  | RLA | OBS       | BC107     | A157   | 0 |
| 2N1006            | NS       | OBS      | OBS       | 15V     | 15V     |         |         | 175C    | 150MWF |         |          |        | 25/150    | 10MA  | RLA | OBS       | BC107     | A157   | 0 |
| 2N1007            | PG       | T03      | L05       | 40V     | 30V     | 15V     | 3A      | 95C     | 35WC   | 60K     |          |        | 50/250    | 1A    | AHG | OBS       | ASZ16     | 2N1536 | 0 |
| 2N1008            | PG       | T05      | L04       | 20V     | 15V     |         | 300MA   | 85C     | 300MWF | 400K    |          |        | 40/150    | 10MA  | AHG | OBS       | ACY17     | 2N1176 | 0 |
| 2N1008A           | PG       | T05      | L04       | 40V     | 35V     |         | 300MA   | 85C     | 300MWF | 400K    |          |        | 40/150    | 10MA  | AHG | OBS       | ACY17     | 2N1176 | 0 |
| 2N1008B           | PG       | T05      | L04       | 60V     | 55V     |         | 300MA   | 85C     | 300MWF | 400K    |          |        | 40/150    | 10MA  | AHG | OBS       | ACY17     | 2N1176 | 0 |
| 2N1009            | PG       | OBS      | OBS       | 35V     | 25V     |         | 20MA    | 85C     | 300MWF | 400K    |          |        | 40MN      | 10MA  | ALG | OBS       | ACY17     | 2N1176 | 0 |
| 2N1010            | NG       | T01      | L02       | 10V     | 10V     | 10V     | 2MA     | 55C     | 20MWF  | 1M      |          |        | 35MN      | 300UA | ALG | RCU       | ASY29     | 2N1304 | 0 |
| 2N1011            | PG       | T03      | L05       | 80V     | 40V     | 40V     | 5A      | 95C     | 45WC   | 100K    |          |        | 30/75     | 3A    | AHG | OBS       | ASZ16     | 2N1536 | 0 |
| 2N1012            | NG       | T05      | L04       | 40V     | 22V     | 35V     |         |         | 150MWF | 3M      | 20P      |        | 40MN      | 100MA | RMS | OBS       | ASY29     | 2N1304 | 0 |
| 2N1013            | PS       | OBS      | OBS       |         |         |         | 2A      | 18CC    | 750MWF |         |          |        | 75TP      | 1A    | AHG | OBS       | B0X14     | 2N3740 | 0 |
| 2N1014            | PG       | OBS      | OBS       | 100V    | 60V     |         | 12A     | 100C    | 50WC   | 200K    |          |        | 20MN      | 1A    | AHH | RCU       | ASZ15     | 2N1533 | 0 |
| 2N1015            | NS       | OBS      | OBS       | 50V     | 30V     | 25V     | 7500MA  | 150C    | 150WC  | 20M     |          |        | 10MN      | 2A    | AHG | OBS       | B0Y20     | 2N3055 | 0 |
| 2N1015A           | NS       | OBS      | OBS       | 60V     | 60V     | 25V     | 7500MA  | 150C    | 150WC  | 20M     |          |        | 10MN      | 2A    | AHG | OBS       | B0Y20     | 2N3055 | 0 |
| 2N1015B           | NS       | OBS      | OBS       | 100V    | 100V    | 25V     | 7500MA  | 150C    | 150WC  | 20M     |          |        | 10MN      | 2A    | AHH | OBS       | B0X50     | 2N3773 | 0 |
| 2N1015C           | NS       | OBS      | OBS       | 150V    | 150V    | 25V     | 7500MA  | 150C    | 150WC  | 20M     |          |        | 10MN      | 2A    | AHH | OBS       | B0X50     | 2N3773 | 0 |
| 2N1015D           | NS       | OBS      | OBS       | 200V    | 200V    | 25V     | 7500MA  | 150C    | 150WC  | 20M     |          |        | 10MN      | 2A    | AHE | OBS       | BU120     |        | 0 |
| 2N1015E           | NS       | OBS      | OBS       | 250V    | 250V    | 25V     | 7500MA  | 150C    | 150WC  | 20M     |          |        | 10MN      | 2A    | AHE | OBS       | BU120     |        | 0 |
| 2N1015F           | NS       | OBS      | OBS       | 300V    | 300V    | 25V     | 7500MA  | 150C    | 150WC  | 20M     |          |        | 10MN      | 2A    | AHE | OBS       | BU120     |        | 0 |
| 2N1016            | NS       | OBS      | OBS       | 30V     | 30V     | 25V     | 7500MA  | 150C    | 150WC  |         |          |        | 10MN      | 5A    | AHG | OBS       | B0Y20     | 2N3055 | 0 |
| 2N1016A           | NS       | OBS      | OBS       | 60V     | 60V     | 25V     | 7500MA  | 150C    | 150WC  |         |          |        | 10MN      | 5A    | AHG | OBS       | B0Y20     | 2N3055 | 0 |
| 2N1016B           | NS       | OBS      | OBS       | 100V    | 100V    | 25V     | 7500MA  | 150C    | 150WC  |         |          |        | 10MN      | 5A    | AHH | OBS       | B0X50     | 2N3773 | 0 |
| 2N1016C           | NS       | OBS      | OBS       | 150V    | 150V    | 25V     | 7500MA  | 150C    | 150WC  |         |          |        | 10MN      | 5A    | AHE | OBS       | B0X50     | 2N3773 | 0 |
| 2N1016D           | NS       | OBS      | OBS       | 200V    | 200V    | 25V     | 7500MA  | 150C    | 150WC  |         |          |        | 10MN      | 5A    | AHE | OBS       | BU120     |        | 0 |
| 2N1016E           | NS       | OBS      | OBS       | 250V    | 250V    | 25V     | 7500MA  | 150C    | 150WC  |         |          |        | 10MN      | 5A    | AHE | OBS       | BU120     |        | 0 |
| 2N1016F           | NS       | OBS      | OBS       | 300V    | 300V    | 25V     | 7500MA  | 150C    | 150WC  |         |          |        | 10MN      | 2A    | AHE | OBS       | BU120     |        | 0 |
| 2N1017            | PG       | T05      | L04       | 30V     | 10V     | 20V     | 400MA   | 85C     | 170MWF | 10M     | 24P      | 70MN   | 20MA      | RMS   | OBS | ASY27     | 2N1305    | 0      |   |
| 2N1018            | PG       | T05      | L04       | 30V     | 6V      | 20V     | 400MA   | 100C    | 170MWF | 12M     | 24P      | 70MN   | 1MA       | RMS   | OBS | ASY27     | 2N1305    | 0      |   |
| 2N1019            | NG       | OBS      | OBS       | 30V     |         | 30V     | 3A      | 90C     | 10WC   | 50K     |          |        | 15KTP     | 1A    | AHD | OBS       |           |        | 0 |
| 2N1020            | PG       | OBS      | OBS       | 30V     |         | 30V     | 3A      | 90C     | 10WC   | 50K     |          |        | 15KTP     | 1A    | AHD | OBS       |           |        | 0 |
| 2N1021            | PG       | T03      | L05       | 100V    | 50V     | 30V     | 5A      | 95C     | 85WC   | 200K    |          |        | 30/90     | 5A    | AHH | TIB       | ASZ15     | 2N1533 | 0 |
| 2N1021A           | PG       | T03      | L05       | 100V    | 55V     | 20V     | 7A      | 100C    | 150WC  | 100K    |          |        | 30/90     | 5A    | AHH | OBS       | ASZ15     | 2N1533 | 0 |
| 2N1022            | PG       | T03      | L05       | 120V    | 50V     | 30V     | 5A      | 95C     | 85WC   | 200K    |          |        | 30/90     | 5A    | AHH | TIB       | ASZ15     | 2N1533 | 0 |
| 2N1022A           | PG       | T03      | -05       | 120V    | 55V     | 20V     | 7A      | 100C    | 150WC  | 200K    |          |        | 30/90     | 5A    | AHH | OBS       | ASZ15     | 2N1533 | 0 |
| 2N1023            | PG       | T044     | L36       | 40V     |         | 0V5     | 10MA    | 100C    | 120MWF | 50M     | 4P       | 20/175 | 1500UA    | VLA   | RCU | AF124     | 2N990     | 0      |   |
| 2N1024            | PS       | T05      | L04       | 18V     | 15V     | 18V     | 100MA   | 175C    | 250MWF | 1M      | 14P      | 9MN    | 1MA       | ALA   | OBS | BCY32     | 2N1475    | 0      |   |
| 2N1025            | PS       | T05      | L04       | 40V     | 35V     | 40V     | 100MA   | 175C    | 250MWF | 1M      | 14P      | 9/22   | 1MA       | ALA   | OBS | BCY32     | 2N1475    | 0      |   |
| 2N1026            | PS       | T05      | L04       | 40V     | 35V     | 40V     | 100MA   | 175C    | 250MWF | 2M      | 14P      | 18/44  | 1MA       | ALA   | OBS | BCY32     | 2N1475    | 0      |   |
| 2N1026A           | PS       | T05      | L04       | 35V     | 35V     |         | 100MA   | 200C    | 400MWF | 2M      | 14P      | 36/88  | 1MA       | ALA   | OBS | BCY32     | 2N1475    | 0      |   |
| 2N1027            | PS       | T05      | L04       | 18V     | 15V     | 18V     | 100MA   | 175C    | 250MWF | 4M      | 14P      | 18MN   | 1MA       | ALA   | OBS | BCY32     | 2N1475    | 0      |   |
| 2N1028            | PS       | T05      | L04       | 18V     | 10V     | 12V     | 100MA   | 175C    | 250MWF | 3M      | 14P      | 9MN    | 1MA       | ALA   | OBS | BCY32     | 2N1475    | 0      |   |