

DARLINGTON TRANSISTORS

| Item Number | Part Number | Manufacturer | V _{(BR)CEO} (V) | I _C Max (A) | P _D Max (W) | h _{FE} | | f _T (Hz) | I _{CBO} Max (A) | t _r Max (s) | t _f Max (s) | T _{oper} Max (°C) | Package Style |
|---|-------------|--------------|-----------------------------|------------------------------|------------------------------|-----------------|------|------------------------|--------------------------------|------------------------------|------------------------------|----------------------------------|---------------|
| | | | | | | Min | Max | | | | | | |
| PNP Darlington Transistors, (Cont'd) | | | | | | | | | | | | | |
| - | MJE1091 | Motorola | 60 | 5.0 | 70 | 750 | | 1.0M | 200m | | | 150 J | TO-127var |
| - | MJE1091 | NthAmerSemi | 60 | 5.0 | 70 | 750 | | 1.0M | 200m | | | 150 J | TO-127var |
| - | MJE1091 | CrimsonSemi | 60 | 5.0 | 70 | 750 | | 1.0M | 200m | | | 150 J | TO-127var |
| - | MJE2090 | CrimsonSemi | 60 | 5.0 | 70 | 750 | | 1.0M | 200u | | | 150 J | TO-127var |
| 5 | MJE2091 | CrimsonSemi | 60 | 5.0 | 70 | 750 | | 1.0M | 200m | | | 150 J | TO-127var |
| - | BDX66 | See Index | 60 | 5.0 | 150 | 1.0k | | 7.0M | 1.0m | | | 175 J | TO-3 |
| - | BDW64A | TexsInstLtd | 60 | 6.0 | 2.0 | 750 | 20k | | 200u | | 5.0 | 150 J | TO-220AB |
| - | BDW24A | Semelab | 60 | 6.0 | 50 | 750 | 20k | | 200u | | | 150 J | TO-220AB |
| - | BDW24A | SGS-Ates | 60 | 6.0 | 50 | 750 | 20k | | 200u | | | 150 J | TO-220AB |
| 10 | BDW24A | CentralSemi | 60 | 6.0 | 50 | 750 | 20k | | 200u | | | 150 J | TO-220AB |
| - | BD332 | See Index | 60 | 6.0 | 60 | 750 | | 7.0M | 200u | 2.0u | | 150 J | TO-126var |
| - | 2SB1022 | ToshibaCorp | 60 | 7.0 | 30 | 2.0k | 15k | | 100u | | | 150 J | TO-220var |
| - | BD646F | PhilipsElec | 60 | 8.0 | | 750 | | | | | | | SOT-186 |
| - | BD646F | AmperexElec | 60 | 8.0 | | 750 | | | | | | | SOT-186 |
| 15 | BDW74A | NthAmerSemi | 60 | 8.0 | 2.0 | 750 | 20k | | 200u | | 5.0u | 150 J | TO-220AB |
| - | BDW74A | Semelab | 60 | 8.0 | 2.0 | 750 | 20k | | 200u | | 5.0u | 150 J | TO-220AB |
| - | BDW74A | TexsInstLtd | 60 | 8.0 | 2.0 | 750 | 20k | | 200u | | 5.0u | 150 J | TO-220AB |
| - | BD898 | TexsInstLtd | 60 | 8.0 | 2.0 | 750 | | 1.0M | 200u | | 5.0u | 150 J | TO-220AB |
| - | BD898 | Natl Semi | 60 | 8.0 | 2.0 | 750 | | 1.0M | 200u | | 5.0u | 150 J | TO-220AB |
| 20 | BD898 | NthAmerSemi | 60 | 8.0 | 2.0 | 750 | | 1.0M | 200u | | 5.0u | 150 J | TO-220AB |
| - | BD898A | Natl Semi | 60 | 8.0 | 2.0 | 750 | | 1.0M | 200u | | 5.0u | 150 J | TO-220AB |
| - | BD898A | NthAmerSemi | 60 | 8.0 | 2.0 | 750 | | 1.0M | 200u | | 5.0u | 150 J | TO-220AB |
| - | BD898A | TexsInstLtd | 60 | 8.0 | 2.0 | 750 | | 1.0M | 200u | | 5.0u | 150 J | TO-220AB |
| - | TIP105 | See Index | 60 | 8.0 | 2.0 | 1.0k | 20k | | 50u | 300n | 1.3u | 150 S | TO-220AB |
| 25 | 2N6040 | See Index | 60 | 8.0 | 2.2 | 1.0k | 2.0k | 4.0M | 20u | | | 150 J | TO-127var |
| - | 2SB872 | Matsushita | 60 | 8.0 | 45 | 1.0k | 10k | | 100u | | | 150 J | TO-220AB |
| - | 2SB939 | Matsushita | 60 | 8.0 | 45 | 1.0k | 10k | | 100u | | | 150 J | TO-220var |
| - | 2SB951 | Matsushita | 60 | 8.0 | 45 | 1.0k | 10k | | 100u | | | 150 J | SOT-186 |
| - | BDX54A | See Index | 60 | 8.0 | 60 | 750 | | 20M | 200u | | | 150 J | TO-220AB |
| 30 | BD266 | PhilipsElec | 60 | 8.0 | 60 | 750 | | 7.0M | | | | 150 J | TO-220AB |
| - | BD266 | NthAmerSemi | 60 | 8.0 | 60 | 750 | | 7.0M | | | | 150 J | TO-220AB |
| - | BD266 | Semelab | 60 | 8.0 | 60 | 750 | | 7.0M | | | | 150 J | TO-220AB |
| - | BD646 | See Index | 60 | 8.0 | 62.5 | 750 | 1.5k | | 200u | | 5.0u | 150 J | TO-220AB |
| 35 | SGS135 | SGS-Ates | 60 | 8 | 65 | 1.0k | 15k | | | | | | TO-126var |
| - | BD698 | Semelab | 60 | 8.0 | 70 | 750 | | 1.0M | 200u | | | 150 J | TO-127var |
| - | BD698 | Motorola | 60 | 8.0 | 70 | 750 | | 1.0M | 200u | | | 150 J | TO-127var |
| - | BD698A | Motorola | 60 | 8.0 | 70 | 750 | | 1.0M | 200u | | | 150 J | TO-127var |
| - | 2N6298 | See Index | 60 | 8.0 | 75 | 750 | 18k | 4.0M | 500u | | 1.5u | 175 J | TO-66 |
| - | MJE6040 | Motorola | 60 | 8.0 | 75 | 1.0k | 20k | 4.0M | 20u | | | 150 J | TO-127 |
| 40 | BDX62 | See Index | 60 | 8.0 | 90 | 750 | | 7.0M | 200u | | | 175 J | TO-3 |
| - | MJ900 | See Index | 60 | 8.0 | 90 | 750 | | | 500u | | | 175 J | TO-3 |
| - | 2N6053 | See Index | 60 | 8.0 | 100 | 750 | 18k | 4.0M | 500u | | | 175 J | TO-3 |
| - | PMD13K60 | Lambda Semi | 60 | 8.0 | 100 | 800 | 20k | | 200u | | | 175 J | TO-3 |
| - | PMD13K60 | CentralSemi | 60 | 8.0 | 100 | 800 | 20k | | 200u | | | 175 J | TO-3 |
| 45 | MJ920 | CrimsonSemi | 60 | 8.0 | 120 | 100 | | 4.0M | 500u | | | 175 J | TO-3(4) |
| - | MJ920 | NthAmerSemi | 60 | 8.0 | 120 | 100 | | 4.0M | 500u | | | 175 J | TO-3(4) |
| - | BDT62F | PhilipsElec | 60 | 10 | | 1.0k | | | | | | | SOT-186 |
| - | 2N6667 | See Index | 60 | 10 | 26 | 1.0k | 20k | 20M | 3.0m | | | 150 J | TO-220AB |
| - | 2N6649 | See Index | 60 | 10 | 27 | 1.0k | 20k | 20M | 300u | | | 150 J | TO-204AA |
| 50 | 2SB1225 | Sanyo Elect | 60 | 10 | 30 | 2.0k | 5.0k | 20M | 100u | 600n | 1.8u | 150 J | TO-220 |
| - | D45E2 | See Index | 60 | 10 | 50 | 1.0k | | | 10u | 600n | 500n | 150 J | TO-220 |
| - | 2SB912 | Sanyo Elect | 60 | 10 | 60 | 2k | 5k | 20M | 0.1m | | | 150 J | TO-218var |
| - | SE9400 | See Index | 60 | 10 | 70 | 100 | | 1.0M | 200u | | | 150 J | TO-220AB |
| - | BDX34A | See Index | 60 | 10 | 70 | 750 | | 20M | 1.0m | | 5.0u | 150 J | TO-220AB |
| 55 | BDT62 | AmperexElec | 60 | 10 | 90 | 1.0k | | | 200u | | | 150 J | TO-220AB |
| - | BDT62 | NthAmerSemi | 60 | 10 | 90 | 1.0k | | | 200u | | | 150 J | TO-220AB |
| - | BDT62 | PhilipsElec | 60 | 10 | 90 | 1.0k | | | 200u | | | 150 J | TO-220AB |
| - | SE9403 | Swampscott | 60 | 10 | 100 | 100 | | 1.0M | 200u | | | 175 J | TO-3 |
| - | SE9403 | CentralSemi | 60 | 10 | 100 | 100 | | 1.0M | 200u | | | 175 J | TO-3 |
| 60 | BDX86A | See Index | 60 | 10 | 100 | 750 | 18k | 10M | 500u | | | 175 J | TO-3 |
| - | TIP605 | See Index | 60 | 10 | 100 | 1.0k | 20k | | 50u | 300n | 1.3u | 175 J | TO-3 |
| - | BDV64 | See Index | 60 | 10 | 125 | 1.0k | 1.5k | 100k | 400u | | 1.0u | 150 J | TO-247 |
| - | TIP145 | See Index | 60 | 10 | 125 | 1.0k | | | 1.0m | 900n | 11u | 150 J | TO-247 |
| 65 | MJ2500 | See Index | 60 | 10 | 150 | 1.0k | | 1.0M | 400u | | | 175 J | TO-3 |
| - | TIP645 | See Index | 60 | 10 | 175 | 500 | 1.0k | | 1.0m | 900n | 11n | 175 J | TO-3 |
| - | BDW94A | See Index | 60 | 12 | 80 | 750 | 20k | 20M | 100u | | | 150 J | TO-220AB |
| - | BDX64 | See Index | 60 | 12 | 117 | 1.5k | | 7.0M | 400u | | | 175 J | TO-3 |
| - | BDX88A | See Index | 60 | 12 | 120 | 750 | 18k | 10M | 500u | | | 175 J | TO-3 |
| - | GT8101 | Gnrl Trans | 60 | 12 | 120 | 750 | 18k | 10M | 500u | | | 175 J | TO-3 |
| 70 | BDT64 | NthAmerSemi | 60 | 12 | 125 | 1.0k | | | | | | 175 J | TO-220AB |
| - | BDT64 | AmperexElec | 60 | 12 | 125 | 1.0k | | | | | | 175 J | TO-220AB |
| - | BDT64 | PhilipsElec | 60 | 12 | 125 | 1.0k | | | | | | 175 J | TO-220AB |
| - | 2N6050 | See Index | 60 | 12 | 150 | 750 | 18k | 4.0M | 1.0m | | 1.5u | 175 J | TO-3 |
| 75 | PMD11K60 | CentralSemi | 60 | 12 | 150 | 800 | 20k | | 200u | | | 175 J | TO-3 |
| - | PMD11K60 | Lambda Semi | 60 | 12 | 150 | 800 | 20k | | 200u | | | 175 J | TO-3 |
| - | BDW84A | NthAmerSemi | 60 | 15 | 150 | 750 | 20k | | 500u | | 7.0u | 150 J | TO-218AA |
| - | BDW84A | TexsInstLtd | 60 | 15 | 150 | 750 | 20k | | 500u | | 7.0u | 150 J | TO-218AA |
| - | BDW84A | Semelab | 60 | 15 | 150 | 750 | 20k | | 500u | | 7.0u | 150 J | TO-218AA |
| - | BDT64F | PhilipsElec | 60 | 16 | | 1.0k | | | | | | | SOT-186 |
| 80 | MJ4030 | See Index | 60 | 16 | 150 | 1.0k | | | 1.0m | | | 175 J | TO-3 |
| - | BDV66 | PhilipsElec | 60 | 16 | 175 | 1.0k | | 7.0M | 1.0m | | | 150 J | TO-218 |
| - | BDV66 | NthAmerSemi | 60 | 16 | 175 | 1.0k | | 7.0M | 1.0m | | | 150 J | TO-218 |
| - | BDV66 | AmperexElec | 60 | 16 | 175 | 1.0k | | 7.0M | 1.0m | | | 150 J | TO-218 |
| 85 | MJH6285 | See Index | 60 | 20 | 160 | 300 | 2.0k | | 2.0m | | | 150 J | TO-218AA |
| - | 2N6285 | See Index | 60 | 20 | 160 | 750 | 18k | 4.0M | 1.0m | | 2.5u | 175 J | TO-3 |
| - | PMD17K60 | Lambda Semi | 60 | 20 | 225 | 800 | 20k | | 200u | | | 175 J | TO-3 |
| - | PMD17K60 | CentralSemi | 60 | 20 | 225 | 800 | 20k | | 200u | | | 175 J | TO-3 |
| - | BDX68 (A) | PhilipsElec | 60 | 25 | 200 | 1.0k | | | 2.0m | | | 175 J | TO-3 |
| - | BDX68 (A) | NthAmerSemi | 60 | 25 | 200 | 1.0k | | | 2.0m | | | 175 J | TO-3 |
| 90 | MJ11011 | See Index | 60 | 30 | 200 | 200 | | 4.0M | 1.0m | | | 175 J | TO-3 |
| - | PMD19K60 | Lambda Semi | 60 | 30 | 240 | 800 | 20k | | 10m | | | 175 J | TO-3 |
| - | MJ11029 | Digitron | 60 | 50 | 300 | 1.0k | 18k | | 2.0m | | | 175 J | TO-3 |
| - | MJ11029 | Slid St Dvcs | 60 | 50 | 300 | 1.0k | 18k | | 2.0m | | | 175 J | TO-3 |
| - | MJ11029 | Motorola | 60 | 50 | 300 | 1.0k | 18k | | 2.0m | | | 175 J | TO-3 |
| 95 | RCA9229A | GE Solid St | 60 | 50 | 300 | 2.0k | | | 500u | | | 150 J | TO-3 |
| - | D45D3 | GE Solid St | 70 | 6.0 | 30 | 2.0k | 10k | 50M | | 50n | 300n | 150 J | TO-220AB |
| - | D45D3 | CrimsonSemi | 70 | 6.0 | 30 | 2.0k | 10k | 50M | | 50n | 300n | 150 J | TO-220AB |