

JUNCTION FET

| Item Number | Part Number | Manufacturer | V _{(BR)GSS} (V) | I _{DSS} (A) | g _{fs} | | V _{GS(off)} Max (V) | I _{GSS} Max (A) | C _{ISS} Max (F) | P _D Max (W) | Derate at (W/°C) | T _{Oper} Max (°C) | Package Style |
|----------------------------------|-------------|--------------|-----------------------------|-------------------------|-----------------|------|------------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------|----------------------------------|------------------|
| | | | | | Min | Max | | | | | | | |
| N-Channel JFETs, (Cont'd) | | | | | | | | | | | | | |
| - | PN4393 | See Index | 40 | 60m | | | 3.0 | 1.0n | 14p | 360m | | | TO-92 |
| - | PN4393-18 | Siliconix | 40 | 60m | 6.0m | 15m | 3.0 | 1.0n | 14p | 360m | 3.2m | 135 J | TO-92 |
| - | 2N5549 | See Index | 40 | 60m | | | | 250p | 8.0p | 360m | 2.4m | 200 S | TO-18 |
| - | ITE4392 | GE/Intersil | 40 | 75m | | | 5.0 | 100p | 14p | 360m | 3.0m | 150 J | TO-92 |
| 5 | ITE4392 | Natl Semi | 40 | 75m | | | 5.0 | 100p | 14p | 360m | 3.0m | 150 J | TO-92 |
| - | KE4392 | Semi Inc | 40 | 75m | | | 5.0 | 1.0n | 14p | 350m | 3.5m | 125 S | TO-106 |
| - | KE4392 | Swampscott | 40 | 75m | | | 5.0 | 1.0n | 14p | 350m | 3.5m | 125 S | TO-106 |
| - | KE4392 | Natl Semi | 40 | 75m | | | 5.0 | 1.0n | 14p | 350m | 3.5m | 125 S | TO-106 |
| - | MPF3971 | Motorola | 40 | 75m | | | 5.0 | | 25p | | | 135 J | TO-92 |
| 10 | PMBF4392 | Telefunken | 40 | 75m | | | 5.0 | 1.0n | 14p | 250m | | 175 J | SOT-23 |
| - | PMBF4392 | PhilipsElec | 40 | 75m | | | 5.0 | 1.0n | 14p | 250m | | 175 J | SOT-23 |
| - | PMBF4392 | AmperexElec | 40 | 75m | | | 5.0 | 1.0n | 14p | 250m | | 175 J | SOT-23 |
| - | SMP3971 | Interfet | 40 | 75m | | | 5.0 | 1.0n | 25p | | | 150 J | TO-236AB |
| - | SOR4392 (A) | ThmsnCSFEFC | 40 | 75m | | | 5.0 | 1.0n | 26p | 200m | 1.6m | 150 J | TO-236 |
| - | SO4392 | ThmsnCSFEFC | 40 | 75m | | | 5 | 0.1n | 26p | | | 150 J | TO-236 |
| - | SO4392R | ThmsnCSFEFC | 40 | 75m | | | 5 | 0.1n | 26p | | | 150 J | TO-236 |
| - | TMPF3971 | SprgueElec | 40 | 75m | | | 5.0 | 1.0n | 25p | | | | TO-236 |
| - | TP3971 | SprgueElec | 40 | 75m | | | 5.0 | 1.0n | 25p | | | | TO-92 |
| - | TP3971 | Interfet | 40 | 75m | | | 5.0 | 1.0n | 25p | | | | TO-92 |
| 20 | 2N3971 | See Index | 40 | 75m | | | 5.0 | 300p | 25p | 1.8 | 10m | 200 S | TO-18 |
| - | 2N4094 | CrimsonSemi | 40 | 75m | | | | | 32p | 1.8 | 10m | 200 S | TO-18 |
| - | 2N4094 | Space Power | 40 | 75m | | | | | 32p | 1.8 | 10m | 200 S | TO-18 |
| - | 2N4094 | Diode Trans | 40 | 75m | | | | | 32p | 1.8 | 10m | 200 S | TO-18 |
| - | 2N4392 | See Index | 40 | 75m | | | 5.0 | 100p | 14p | 1.8 | 10m | 200 J | TO-18 |
| 25 | BSR58 | See Index | 40 | 80m | | | 4.0 | 1.0n | 5.0p | 225m | 1.8m | 150 J | SOT-23 |
| - | KE4858 | Swampscott | 40 | 80m | | | 4.0 | 1.0n | 18p | 360m | | | TO-106 |
| - | KE4858 | Natl Semi | 40 | 80m | | | 4.0 | 1.0n | 18p | 360m | | | TO-106 |
| - | MPF4093 | Motorola | 40 | 80m | | | 5.0 | | 16p | | | 135 J | TO-92 |
| - | PN4858 | Natl Semi | 40 | 80m | | | 4.0 | 250p | 18p | 360m | | | TO-92 |
| 30 | PN4858 | CentralSemi | 40 | 80m | | | 4.0 | 250p | 18p | 360m | | | TO-92 |
| - | SMP4858 | Interfet | 40 | 80m | | | 4.0 | 1.0n | 18p | | | 150 J | TO-236AB |
| - | SMP4858A | Interfet | 40 | 80m | | | 4.0 | 1.0n | 10p | | | 150 J | TO-236AB |
| - | TMPF4858 | SprgueElec | 40 | 80m | | | 4.0 | 1.0n | 18p | 350m | | | TO-236 |
| - | TMPF4858A | SprgueElec | 40 | 80m | | | 4.0 | 1.0n | 10p | | | | TO-236 |
| 35 | TP4858 | Interfet | 40 | 80m | | | 4.0 | 1.0n | 18p | | | | TO-92 |
| - | TP4858 | SprgueElec | 40 | 80m | | | 4.0 | 1.0n | 18p | | | | TO-92 |
| - | TP4858A | SprgueElec | 40 | 80m | | | 4.0 | 1.0n | 10p | | | | TO-92 |
| - | TP4858A | Interfet | 40 | 80m | | | 4.0 | 1.0n | 10p | | | | TO-92 |
| - | 2N4858 | See Index | 40 | 80m | | | 4.0 | 250p | 18p | 360m | 2.0m | 200 J | TO-18 |
| 40 | BSR57 | See Index | 40 | 100m | | | 6.0 | 1.0n | 5.0p | 225m | 1.8m | 150 J | SOT-23 |
| - | FN4392 | Siliconix | 40 | 100m | | | 5 | 100p | 14p | 1.8 | 10m | 200 S | TO-18 |
| - | KE4857 | Natl Semi | 40 | 100m | | | 6.0 | 1.0n | 18p | 360m | | | TO-106 |
| - | PN4392 | Natl Semi | 40 | 100m | | | 5.0 | 1.0n | 14p | 360m | | | TO-92 |
| - | PN4392 | CentralSemi | 40 | 100m | | | 5.0 | 1.0n | 14p | 360m | | | TO-92 |
| 45 | PN4392 | Siliconix | 40 | 100m | | | 5.0 | 1.0n | 14p | 360m | | | TO-92 |
| - | PN4392-18 | Siliconix | 40 | 100m | | | 5.0 | 1.0n | 14p | 360m | 3.2m | 135 J | TO-92 |
| - | PN4857 | CentralSemi | 40 | 100m | | | 6.0 | 250p | 18p | 360m | | | TO-92 |
| - | PN4857 | Natl Semi | 40 | 100m | | | 6.0 | 250p | 18p | 360m | | | TO-92 |
| 50 | SMP4392 | Interfet | 40 | 100m | | | 5.0 | 1.0n | 16p | | | 150 J | TO-236AB |
| - | SMP4857 | Interfet | 40 | 100m | | | 6.0 | 1.0n | 18p | | | 150 J | TO-236AB |
| - | SMP4857A | Interfet | 40 | 100m | | | 6.0 | 1.0n | 10p | | | 150 J | TO-236AB |
| - | TMPF4392 | SprgueElec | 40 | 100m | | | 5.0 | 1.0n | 16p | 350m | | | TO-236 |
| - | TMPF4857 | SprgueElec | 40 | 100m | | | 6.0 | 1.0n | 18p | 350m | | | TO-236 |
| - | TMPF4857A | SprgueElec | 40 | 100m | | | 6.0 | 1.0n | 10p | | | | TO-236 |
| 55 | TP4392 | Interfet | 40 | 100m | | | 5.0 | 1.0n | 16p | | | | TO-92 |
| - | TP4392 | SprgueElec | 40 | 100m | | | 5.0 | 1.0n | 16p | | | | TO-92 |
| - | TP4857 | SprgueElec | 40 | 100m | | | 6.0 | 1.0n | 18p | | | | TO-92 |
| - | TP4857 | Interfet | 40 | 100m | | | 6.0 | 1.0n | 18p | | | | TO-92 |
| - | TP4857A | SprgueElec | 40 | 100m | | | 6.0 | 1.0n | 10p | | | | TO-92 |
| 60 | TP4857A | Interfet | 40 | 100m | | | 6.0 | 1.0n | 10p | | | | TO-92 |
| - | 2N4857 | See Index | 40 | 100m | | | 6.0 | 250p | 18p | 360m | 2.0m | 200 J | TO-18 |
| - | 2N4857A | See Index | 40 | 100m | | | 6.0 | 250p | 10p | 360m | 2.0m | 200 J | TO-18 |
| - | 2N5158 | See Index | 40 | 100m | | | 8.0 | 1.0n | 50p | 400m | 2.3m | 200 S | TO-46 |
| 65 | ITE4391 | Natl Semi | 40 | 150m | | | 10 | 100p | 14p | 360m | 3.0m | 150 J | TO-92 |
| - | ITE4391 | GE/Intersil | 40 | 150m | | | 10 | 100p | 14p | 360m | 3.0m | 150 J | TO-92 |
| - | KE4391 | Natl Semi | 40 | 150m | | | 10 | 1.0n | 14p | 350m | 3.5m | 125 S | TO-106 |
| - | PMBF4391 | PhilipsElec | 40 | 150m | | | 10 | 1.0n | 14p | 250m | | 175 J | SOT-23 |
| - | PMBF4391 | AmperexElec | 40 | 150m | | | 10 | 1.0n | 14p | 250m | | 175 J | SOT-23 |
| - | PMBF4391 | Telefunken | 40 | 150m | | | 10 | 1.0n | 14p | 250m | | 175 J | SOT-23 |
| 70 | PN4391 | CentralSemi | 40 | 150m | | | 10 | 1.0n | 14p | 360m | | | TO-92 |
| - | PN4391 | Natl Semi | 40 | 150m | | | 10 | 1.0n | 14p | 360m | | | TO-92 |
| - | PN4391 | Siliconix | 40 | 150m | | | 10 | 1.0n | 14p | 360m | | | TO-92 |
| - | PN4391-18 | Siliconix | 40 | 150m | | | 10 | 1.0n | 14p | 360m | 3.2m | 135 J | TO-92 |
| 75 | SMP3970 | Interfet | 40 | 150m | | | 10 | 1.0n | 25p | | | 150 J | TO-236AB |
| - | SMP4391 | Interfet | 40 | 150m | | | 10 | 1.0n | 16p | | | 150 J | TO-236AB |
| - | SOR4391 (A) | ThmsnCSFEFC | 40 | 150m | | | 10 | 1.0n | 26p | 200m | 1.6m | 150 J | TO-236 |
| - | SO4391 | ThmsnCSFEFC | 40 | 150m | | | 10 | 0.1n | 26p | | | 150 J | TO-236 |
| - | TMPF3970 | SprgueElec | 40 | 150m | | | 10 | 1.0n | 25p | | | | TO-236 |
| 80 | TMPF4391 | SprgueElec | 40 | 150m | | | 10 | 1.0n | 16p | 350m | | 150 J | TO-236 |
| - | TP3970 | Interfet | 40 | 150m | | | 10 | 1.0n | 25p | | | | TO-92 |
| - | TP3970 | SprgueElec | 40 | 150m | | | 10 | 1.0n | 25p | | | | TO-92 |
| - | TP4391 | SprgueElec | 40 | 150m | | | 10 | 1.0n | 16p | | | | TO-92 |
| - | TP4391 | Interfet | 40 | 150m | | | 10 | 1.0n | 16p | | | | TO-92 |
| 85 | 2N3970 | See Index | 40 | 150m | | | 10 | 300p | 25p | 1.8 | 10m | 200 S | TO-18 |
| - | 2N4391 | See Index | 40 | 150m | | | 3.0 | 100p | 14p | 1.8 | 10m | 200 J | TO-18 |
| - | 2N5159 | See Index | 40 | 200m | | | 10 | 1.0n | 50p | 400m | 2.3m | 200 S | TO-46 |
| - | TP4093 | Interfet | 40 | 8.0 | | | 5.0 | 1.0n | 16p | | | | TO-92 |
| - | TP4093 | SprgueElec | 40 | 8.0 | | | 5.0 | 1.0n | 16p | | | | TO-92 |
| 90 | C6690 | TeledynCrys | 45 | | | | 10 | 1.0n | 5.0p | | | 200 J | TO-18 |
| - | 2N3824 | See Index | 50 | | | | 8.0 | 100p | 6.0p | 300m | 2.0m | 200 S | TO-72 |
| - | 2N3824LP | See Index | 50 | | | | | | | 300m | | 200 S | TO-46 |
| - | 2N3934 | See Index | 50 | | 300u | 900u | 3.0 | 400p | 7.0p | 250m | 1.7m | 200 S | TO-71 |
| - | 2N3935 | See Index | 50 | | 300u | 900u | 3.0 | 400p | 7.0p | 250m | 1.7m | 200 S | TO-71 |
| - | MPF3821 | Motorola | 50 | 500n | 1.5m | 4.5m | 4.0 | 100p | 6.0p | 310m | 2.0m | 135 J | TO-226AA |
| 95 | 2N3454 | See Index | 50 | 250u | 100u | 600u | 2.5 | 100p | 6.0p | 300m | 1.7m | 200 C | TO-72 |
| - | 2N3457 | See Index | 50 | 250u | 150u | 600u | 2.5 | 40p | 5.0p | 300m | 1.7m | 200 C | TO-72 |
| - | 2N3068 | See Index | 50 | 250u | 200u | 1.0m | 2.5 | 1.0n | 10p | 300m | 1.7m | 200 C | TO-18 |