



C

| V _{DRM} (V) Maximum | I _{T(AV)} (A) Maximum | Package | V _{GT} (V) Maximum | I _{GT} (mA) Maximum | V _{TM} (V) Maximum | DV/DT (V/μs) Maximum | Digi-Key Part No. | 1 | 10 | 100 |
|------------------------------------|--------------------------------------|-------------------|-----------------------------------|------------------------------------|-----------------------------------|----------------------------|----------------------|--------|-------|-------|
| 1200 | 95 @ 85°C | ADD-A-pak™ | 2.5 | 150 | 1.58 | 500 | IRKU91/12A-ND | 52.17 | 41.74 | 37.57 |
| 100 | 16 @ 65°C | TO-208AA (TO-48) | 2.0 | 40 | 2.0 | 100† | 2N683-ND◆ | 11.84 | 8.76 | 7.11 |
| 600 | 50 @ 94°C | TO-208AC (TO-65) | 2.5 | 100 | 1.6 | 500 | 50RIA60-ND◆ | 15.54 | 12.09 | 10.02 |
| 1200 | 50 @ 94°C | | 2.5 | 100 | 1.6 | 500 | 50RIA120-ND◆ | 22.90 | 18.32 | 16.03 |
| 800 | 6.5 @ 112°C | D²Pak (SMD-220) | 1.0 | 15 | 1.15 | 150 | 10TTS08S-ND | 2.21 | 1.42 | 1.11 |
| 800 | 10 @ 98°C | | 2.0 | 60 | 1.4 | 500 | 16TTS08S-ND | 3.19 | 2.05 | 1.60 |
| 1200 | 10 @ 98°C | | 2.0 | 60 | 1.4 | 500 | 16TTS12S-ND | 4.48 | 2.99 | 2.39 |
| 800 | 16 @ 93°C | | 2.0 | 45 | 1.25 | 500 | 25TTS08S-ND | 4.40 | 2.93 | 2.35 |
| 800 | 20 @ 95°C | TO-247AC | 2.0 | 45 | 1.3 | 500 | 30TPS08-ND | 3.43 | 2.21 | 1.72 |
| 1200 | 20 @ 95°C | | 2.0 | 45 | 1.3 | 500 | 30TPS12-ND | 3.63 | 2.42 | 1.94 |
| 800 | 35 @ 79°C | | 2.5 | 150 | 1.85 | 500 | 40TPS08-ND | 5.28 | 3.52 | 2.82 |
| 800 | 35 @ 79°C | | 2.5 | 150 | 1.85 | 500 | 40TPS08A-ND | 4.80 | 3.20 | 2.56 |
| 1200 | 35 @ 79°C | | 2.5 | 150 | 1.85 | 1000 | 40TPS12-ND | 5.84 | 3.90 | 3.12 |
| 1200 | 35 @ 79°C | | 2.5 | 150 | 1.85 | 1000 | 40TPS12A-ND | 6.05 | 4.18 | 3.52 |
| 800 | 10 @ 95°C | TO-220 FULLPAK | 2.0 | 60 | 1.4 | 500 | 16TTS08FP-ND | 3.43 | 2.29 | 1.84 |
| 800 | 16 @ 85°C | | 2.0 | 45 | 1.25 | 500 | 25TTS08FP-ND | 3.94 | 2.72 | 2.17 |
| 800 | 10 @ 98°C | TO-220AC | 2.0 | 60 | 1.4 | 500 | 16TTS08-ND | 2.20 | 1.42 | 1.11 |
| 1200 | 10 @ 98°C | | 2.0 | 60 | 1.4 | 500 | 16TTS12-ND | 2.68 | 1.73 | 1.35 |
| 800 | 16 @ 93°C | | 2.0 | 45 | 1.25 | 500 | 25TTS08-ND | 3.03 | 2.42 | 2.19 |
| 1200 | 16 @ 93°C | | 2.0 | 45 | 1.25 | 500 | 25TTS12-ND | 4.26 | 2.84 | 2.28 |
| 800 | 350 @ 55°C | TO-200AB (A-PUK) | 3.0 | 150 | 1.96 | 500 | ST180C08C0-ND◆ | 90.87 | 72.70 | 45.45 |
| 1200 | 70 @ 82°C | SUPER-247 | 1.5 | 100 | 1.4 | 500 | 70TPS12PBF-ND◆ | 8.25 | 6.11 | 4.95 |
| 1600 | 70 @ 82°C | | 1.5 | 100 | 1.4 | 500 | 70TPS16-ND | 8.05 | 6.13 | 5.08 |
| 2000 | 300 @ 75°C | TO-209AE (TO-118) | 3.0 | 200 | 1.66 | 500 | ST300S20P0PBF-ND◆ | 176.32 | — | — |

◆ RoHS Compliant † Typical

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