



QV DEVICE NAME: MJD350T4G (Bipolar)

PACKAGE: DPAK

| Test | Specification | Condition | Interval | Result |
|-------|------------------------------|--|-----------|--------|
| HTRB | JESD22-A108 | Ta = 150 °C, bias = 80% of rated V | 1008 hrs | 0/84 |
| HTSL | JESD22-A103 | Ta = 150 °C | 1008 hrs | 0/84 |
| IOL | MIL-STD-750 (M1037) AEC-Q101 | Ta=+25°C, deltaTj=100°C max, Ton = Toff = 2min | 15000 cyc | 0/84 |
| TC | JESD22-A104 | Temp = -65°C to +150°C | 1000 cyc | 0/84 |
| AC | JESD22-A102 | 121°C, 100% RH, 15psig, unbiased | 96 hrs | 0/84 |
| H3TRB | JESD22-A101 | Temp = 85°C, RH=85%, bias = 100V max | 1008 hrs | 0/84 |
| PC | J-STD-020 JESD-A113 | MSL 1 @ 260 °C | | 0/336 |
| RSH | JESD22- B106 | Ta = 265°C, 10 sec | | 0/30 |
| SD | JSTD002 | Ta = 245°C, 10 sec | | 0/30 |

Note: AEC-1pager is attached.

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List of Affected Standard Parts:

| Current SBN Part Number | New OSV part number | Qualification Vehicle |
|-------------------------|---------------------|-----------------------|
| NSV1C300ET4G | NSV1C300ET4G-VF01 | MJD350T4G |
| NSV1C301ET4G | NSV1C301ET4G-VF01 | MJD340T4G |