



Reliability Data Summary:

Qual Vehicle: MVGSF1N03LT1G

PACKAGE: SOT23

Test	Specification	Condition	Interval	Results
HTSL	JESD22-A103	Ta= 150C	1008 hrs	0/240
PC	J-STD-020 JESD-A113	MSL 1 @ 260 °C	Before TC, AC, HAST, IOL	
AC	JESD22-A102	121°C, 100% RH, ~15psig, unbiased	96 hrs	0/240
TC	JESD22-A104	Ta= - 65°C to +150°C	1000 cyc	0/240
HAST	JESD22-A110	130°C, 85% RH, 18.8psig, bias	96 hrs	0/240
IOL	MIL-STD-750 (M1037) AEC-Q101	Ta=+25°C, delta Tj=100°C On/off = 2 min	15000 cyc	0/240
RSH	JESD22- B106	Ta = 265C, 10 sec		0/90

Electrical Characteristic Summary:

There is no change in electrical characteristics. Product performance meets data sheet specifications, Data is available upon request.

List of Affected Standard Parts:

Part Number	Qualification Vehicle
MGSF1N02LT1G	MVGSF1N03LT1G
MGSF1N03LT1G	
MGSF2N02ELT1G	