



Reliability Data Summary:

PACKAGE: SOD323
NSR0320MW2T3G/SD12CT1G

Test	Specification	Condition	Interval	Results
HTRB	JESD22-A108	Ta=150°C, 100% max rated V	2016hrs	0/252
HTSL	JESD22-A103	Ta= 150°C	2016 hrs	0/273
IOL	MIL-STD-750 (M1037) AEC-Q101	Ta=+25°C, delta Tj=100°C On/off = 2 min	30k cyc	0/252
TC	JESD22-A104	Ta= -65°C to +150°C	2000cyc	0/378
H3TRB	JESD22-A101	85°C, 85% RH, V=80% rated V or 100V max	2016hrs	0/315
PC	J-STD-020 JESD-A113	MSL 1 @ 125°C	-	0/1197
RSH	JESD22- B106	Ta = 265C, 10 sec	-	0/90

Electrical Characteristic Summary:

Three temperature characterization and ESD performance meet datasheet specification. Detail of Electrical characterization result is available upon request.

List of affected Standard Parts:

Part Number	Qualification Vehicle
NSR0320MW2T1G	NSR0320MW2T3G
NSR0320MW2T3G	NSR0320MW2T3G
NSR1020MW2T3G	NSR0320MW2T3G
NSRLV20MW2T1G	NSR0320MW2T3G
NSR1020MW2T1G	NSR0320MW2T3G
SD12CT1G	SD12CT1G