

**Reliability Data Summary:**QV DEVICE NAME MJE5852GRMS: 23106PACKAGE: TO220

Test	Specification	Condition	Interval	Results
HTRB	JESD22-A108	Ta=150°C, 80% max rated V	1008 hrs	0/80
Autoclave	JESD22-A102	Ta=121°C, RH=100% 15psig	96 hrs	0/80
H3TRB	JESD22-A101	Ta= 85°C, 85% RH, 80%bias	1008 hrs	0/80
IOL	MIL-STD-750 (M1037) AEC-Q101	Ta=+25°C, delta Tj=100°C On/off = 3.5 min	8572 cyc	0/80
TC	JESD22-A104	Ta= -65°C to +150°C	1000 cyc	0/80
RSH	JESD22- B106	Ta = 260C, 10 sec		0/30

QV DEVICE NAME MJD340T4GRMS: 23107PACKAGE: DPAK

Test	Specification	Condition	Interval	Results
HTRB	JESD22-A108	Ta=150°C, 80% max rated V	1008 hrs	0/160
Autoclave+PC	JESD22-A102	Ta=121°C, RH=100% 15psig	96 hrs	0/160
H3TRB+PC	JESD22-A101	Ta= 85°C, 85% RH, 80%bias	504 hrs	0/160
IOL+PC	MIL-STD-750 (M1037) AEC-Q101	Ta=+25°C, delta Tj=100°C On/off = 2 min	7500 cyc	0/160
TC+PC	JESD22-A104	Ta= -65°C to +150°C	1000 cyc	0/160
RSH	JESD22- B106	Ta = 260C, 10 sec		0/60

QV DEVICE NAME NJW0281GRMS: 34697PACKAGE: TO-3P

Test	Specification	Condition	Interval	Results
HTRB	JESD22-A108	Ta=150°C, 80% max rated V	1008 hrs	0/80
H3TRB	JESD22-A101	Ta= 85°C, 85% RH, 80%bias	1008 hrs	0/80
IOL	MIL-STD-750 (M1037) AEC-Q101	Ta=+25°C, delta Tj=100°C On/off = 2 min	6000 cyc	0/80
TC	JESD22-A104	Ta= -55°C to +150°C	1000 cyc	0/80

Electrical Characteristic Summary:

Electrical characteristics are not impacted.



List of affected Standard Parts:

Part Number	Qualification Vehicle
MJD210G	MJD340T4G/MJE5852G
MJD210RLG	
MJD210T4G	
MJD253-1G	
MJD253T4G	
MJD350T4G	
MJD5731T4G	
MJE15035G	
MJE210G	
MJE253G	
MJE5730G	
MJE5731AG	
MJE5731G	
MMJT350T1G	
NJD1718T4G	
2N6338G	
2N6341G	
BUV26G	
BUV27G	
MJD200G	
MJD200RLG	
MJD200T4G	
MJD243G	
MJD243T4G	
MJD44E3T4G	
MJE200G	
MJE243G	
MJE270G	
NJW44H11G	
NJL0281DG	