



Part Number CJA9451

Package Type SOT-89-3L

1. Reliability Test Method And Description

Stress Test Item:	RB
Test Duration (Hours):	100
Sample Q'ty (Pcs):	17
Failure Q'ty (Pcs):	0
Total Device Hours (Hrs):	1000
Accelerated Temp. (Ta)(°C):	150
Normal Operation Temp. (Tu)(°C):	55
Eactivation Energy (Ea):	0.7
K (Boltzmanns Constant):	E-5 eV/°K
Chi-Square Constant @confidence level:60% (chi):	33
Chi-Square Constant @confidence level:90% (chi):	105

Acceleration Factor

Tu	55°C	85°C	150°C
Af	259.2	32.6	1.0

2. Results(Use Conditions Tu=55 & confidence level: 60%)

Failure Rate FIT (@Operation Condition):		FIT
Mean Time to Failure (MTTF):	8668504	Hours
	990	Years