





**Reliability Data Summary:**

Test	Specification	Condition	Interval	Results
HTOL	JESD22-A108	Ta= _125_°C, 100 % max rated Vcc =20V	5 hrs	0/240
HTSL	JESD22-A103	Ta= _150_°C	1000 hrs	0/240
TC	JESD22-A104	Ta= -_65_°C to +_125_°C	500 cyc	0/240
HAST Replaced by THB	JESD22-A110 Replaced by JESD22-A101-B	130°C, 85% RH, 18.8psig, bias Replaced by 85°C, 85% RH, bias=12V	500 hrs	0/240
uHAST	JESD22-A118	130°C, 85% RH, 18.8psig, unbiased	96 hrs	Bridged Gen 4.1 Burlington DTE 1620 0/120
PC	J-STD-020 JESD-A113	MSL 1 @ 85 °C, 85% RH	168 hrs	0/480
CA	On Semi# 12MRM94918A	Construction Analysis, comparison 1 die each	Unused die	0/1

**Electrical Characteristic Summary:**

The process transfer was copy exact. There are no changes to the datasheet specifications

**List of affected Standard Parts:**

Part Number	Qualification Vehicle
TCP-4112UB-DT	TCP-4127UA-DT TCP-4182UB-DT TCP-4147UB-DT
TCP-4118UB-DT	
TCP-4127UB-DT	
TCP-4127UA-DT	
TCP-4133UB-DT	
TCP-4139UB-DT	
TCP-4147UB-DT	
TCP-4156UB-DT	
TCP-4168UB-DT	
TCP-4182UB-DT	
TCP-4133UA-DT	