

**Reliability Data Summary:**

QV DEVICE : NCP114xSNxxxT1G

RMS: 37863, 38381

PACKAGE: TSOP5

Test	Specification	Condition	Interval	Results
HTOL	JESD22-A108	Ta= 125°C, 100 % max rated Vcc	1008 hrs	0/80
HTSL	JESD22-A103	Ta= 150°C	1008 hrs	0/240
TC-PC	JESD22-A104	Ta= -65°C to +150°C	500 cyc	0/240
HAST	JESD22-A110	130°C, 85% RH, 18.8psig, bias	96 hrs	0/240
uHAST	JESD22-A118	130°C, 85% RH, 18.8psig, unbiased	96 hrs	0/240
PC	J-STD-020 JESD-A113	MSL 1 @ 260 °C		
RSH	JESD22- B106	Ta = 265C, 10 sec		0/90
SD	JSTD002	Ta = 245C, 10 sec		0/ 45
ED	Electrical Distribution	Critical Parameters, Ta=-40C, 25C, 85C		Cpk>1.67, Pass
PD	Physical Dimensions	Per Case outline		Pass
BPS	MILSTD883 Method 2011	Cond C.		Cpk>1.67, Pass
BS	AECQ100			Cpk>1.67, Pass
SAT	J-STD-020 JESD-A113			Pass

Electrical Characteristic Summary:

Electrical characteristics are not affected; all datasheet parameters remain unchanged. Electrical distribution data is available upon request.

List of Affected Standard Parts:

Part Number	Qualification Vehicle
NCP114ASN120T1G	NCP114xSNyyy
NCP114ASN150T1G	
NCP114ASN180T1G	
NCP114ASN250T1G	
NCP114ASN260T1G	
NCP114ASN270T1G	
NCP114ASN280T1G	
NCP114ASN290T1G	
NCP114ASN300T1G	
NCP114ASN330T1G	
NCP114BSN330T1G	