





**Reliability Data Summary:**

**QV DEVICE NAME: NTMFS4C85NT1G (HSFET)**

**Package: Power Phase**

Test	Specification	Condition	Interval	Sample Size	Results
HTSL	JESD22-A103	Ta=150°C	2016 hrs	84pc/3 lots	0/252
IOL	MIL-STD-750	Ta=+25°C, delta Tj=100°C	15000 cyc	84pc/3 lots	0/252
	(M1037)	On/off = 2 min			
	AEC-Q101				
TC	JESD22-A104	Ta=-55°C to +150°C	2000 cyc	84pc/3 lots	0/252
H3TRB	JESD22-XXX	85°C, 85% RH, bias	2016 hrs	84pc/3 lots	0/252
uHAST	JESD22-A118	131°C, 85% RH, 18.8psig, unbiased	96 hrs	84pc/3 lots	0/252

**QV DEVICE NAME:NTMFS4C85NT1G (LSFET)**

**Package: Power Phase**

Test	Specification	Condition	Interval	Sample Size	Results
HTRB	JESD22-A108	Ta=150°C, 80% max rated Vdss	1008 hrs	84pc/3 lots	0/252
HTGB	JESD22-A108	Ta=150°C, 100% max rated Vgss	1008 hrs	84pc/3 lots	0/252
IOL	MIL-STD-750	Ta=+25°C, delta Tj=100°C	15000 cyc	84pc/3 lots	0/252
	(M1037)	On/off = 2 min			
	AEC-Q101				
TC	JESD22-A104	Ta=-55°C to +150°C	1000 cyc	84pc/3 lots	0/252
H3TRB	JESD22-XXX	85°C, 85% RH, bias	1008 hrs	84pc/3 lots	0/252
uHAST	JESD22-A118	131°C, 85% RH, 18.8psig, unbiased	96 hrs	84pc/3 lots	0/252

**Electrical Characteristic Summary:**

Electrical characteristics are not impacted

**List of Affected Standard Parts:**

Part Number	Qualification Vehicle
NTMFD4C85NT1G	NTMFD4C85NT1G
NTMFD4C85NT3G	NTMFD4C85NT1G
NTMFD4C86NT1G	NTMFD4C85NT1G
NTMFD4C86NT3G	NTMFD4C85NT1G
NTMFD4C87NT1G	NTMFD4C85NT1G
NTMFD4C87NT3G	NTMFD4C85NT1G
NTMFD4C88NT1G	NTMFD4C85NT1G
NTMFD4C88NT3G	NTMFD4C85NT1G