



Final Product/Process Change Notification

Document #:FPCN21372XA

Issue Date:21 Oct 2021

Reliability Data Summary:

QV DEVICE NAME NCP1090DRG

PACKAGE 8 SOIC150

Test	Specification	Condition	Interval	Results
HBM	JESD22-A114	0k5V, 1kV, 1k5V,2kV, 2k5V, 3kV	2kV	0/18
MM	JESD22-A115	50V, 100V, 150V, 200V	200V	0/12
CDM	JESD22-C101	250V, 500V, 750V	500V	0/9
LU	JESD78	+/- 100 mA, O.V. 57V, Ta = 85°C	100mA	0/6

QV DEVICE NAME 20241

PACKAGE 52 QFN

Test	Specification	Condition	Interval	Results
ELFR	AEC-Q100-008	Ta = 125C for 48 hrs	48h	0/415
HTOL	JESD22-A108	Ta = 125C for 1008 hrs	1008h	0/240

Electrical Characteristics Summary:

Electrical characteristics are not impacted.

List of Affected Parts:

Note: Only the standard (off the shelf) part numbers are listed in the parts list. Any custom parts affected by this PCN are shown in the customer specific PCN addendum in the PCN email notification, or on the **PCN Customized Portal**.

Part Number	Qualification Vehicle
NCP1092DBRG	NCP1090DRG
NCP1091DBRG	NCP1090DRG
NCP1090DBRG	NCP1090DRG

Appendix A: Changed Products

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Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
NCP1090DRG	0HINT-004-XTP	NCP1090DRG	NA	