



Product / Process Change Notification (PCN)

909 N Pacific Coast Highway, Suite 230, El Segundo, CA 90245

Notification Date: May 15, 2026

PCN Number: PCN260501

PCN Title: MSL rating update for QFN parts

Product Identification:

The following released sales part numbers will be impacted by this change:

EPC2302, EPC2305, EPC2306, and EPC2308

Description of Change:

All above 3 mm x 5 mm QFN package products are assigned Moisture Sensitivity Level (MSL) rating of MSL1. These changes are reflected in the Datasheets and Qual reports for the respective devices. All parts share the same materials for package design.

The parts were tested at 85% RH at 85°C for a stress period of 168 hours (as defined by J-STD-020F for MSL1 products). The parts were also subjected to three cycles of Pb-free reflow in accordance with the IPC/JEDEC joint Standard J-STD-020F. The test matrix table is as follows. This matrix includes EPC2304 and EPC2307, which share the same QFN package as the affected devices, and have already been qualified at MSL1:

Package	Part	Voltage	MSL rating	Sample Size (unit x lot)
3 mm x 5 mm	EPC2302	100V	MSL1	80 x 1
	EPC2306	100V	MSL1	80 x 1
	EPC2305	150V	MSL1	80 x 1
	EPC2308	150V	MSL1	80 x 1
	EPC2304	200V	MSL1	80 x 2
	EPC2307	200V	MSL1	80 x 1

Last Time Buy:

N/A

Samples

Contact EPC if samples or additional information is required.



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Information Request

If there are any questions, comments or information required regarding this PCN please contact your local EPC Sales Representative.

EPC Approval:

This PCN has been reviewed and approved by EPC's Quality & Reliability department:

Quality Vice President: Yanping Ma

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