



## Product / Process Change Notification (PCN)

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

**Notification Date:** March 3, 2023

**PCN Number:** PCN230301

**PCN Title:** EOL – EPC2108

**Effective Date:** September 3, 2023

### **Product Identification:**

The following part numbers will be affected by this change:

EPC Part Number
EPC2108

### **Description of Change:**

Due to declining demand, EPC will discontinue manufacture of EPC2108. Suggested replacement is noted in the table below.

A replacement cross reference table can be found below:

Part Number	Configuration	V <sub>DS</sub> max	V <sub>GS</sub> max	Max R <sub>DS(on)</sub> (mΩ) @5V <sub>GS</sub>	Q <sub>G</sub> typ (nC)	Q <sub>GS</sub> typ (nC)	Q <sub>GD</sub> typ (nC)	Q <sub>OSS</sub> typ (nC)	I <sub>D</sub> (A)	Pulsed I <sub>D</sub> (A)	Package (mm)	Comment
EPC2108	Dual with Sync Boot	60	6	240 3300	0.24 0.044	0.106 0.02	0.047 0.004	0.71 0.93 0.134	1.7 0.5	5.5 0.5	BGA 1.35 x 1.35	Obsolete
EPC2107	Dual with Sync Boot	100	6	390 3300	0.19 0.044	0.077 0.02	0.041 0.004	0.9 1.25 0.134	1.7 0.5	3.8 0.5	BGA 1.35 x 1.35	Drop-in replacement

### **Last Time Buy:**

Last time buy requests for this obsolete device will be reviewed on a case-by-case basis.

### **Samples**

Replacement devices are available now.

### **Reliability Data**

Reliability reports for all EPC devices can be found at:

<https://epc-co.com/epc/design-support/gan-fet-reliability>



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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 CONSIDERS THIS CHANGE APPROVED IF WE DO NOT RECEIVE ANY WRITTEN OBJECTION WITHIN 30 DAYS FROM NOFITIFACTION DATE OF THIS PCN LETTER.

### **EPC Approval:**

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

Quality Director:        Yanping Ma

Date:                        03.03.2023