



## Product / Process Change Notification (PCN)

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

**Notification Date:** January 13, 2023

**PCN Number:** PCN230101

**PCN Title:** EOL – EPC2034

**Effective Date:** March 13, 2023

### **Product Identification:**

The following part numbers will be affected by this change:

EPC Part Number
EPC2034

### **Description of Change:**

With the release of subsequent generation of devices with improved performance, EPC will discontinue manufacture of the EPC2034. Suggested replacements are noted in the table below.

A replacement cross reference table can be found below:

PartNumber	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
EPC2034	200	6	10	8.8	3	1.8	75	48	200	BGA 4.6 x 2.6	Obsolete
EPC2034C	200	6	8	11.4	3.8	2.1	95	48	213	BGA 4.6 x 2.6	Drop-in replacement
EPC2215	200	6	8	13.6	3.3	2.1	69	32	162	LGA 4.6 x 1.6	Preferred device for new designs
EPC2307	200	6	10	10.6	3.8	1.3	58	48	130	QFN 3 x 5	QFN package option

### **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:                            01/13/2023