

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

**Notification Date:** December 01, 2024

**PCN Number:** PCN241201

**PCN Title:** EPC2045 and EPC2088 Data Sheet Change

**Effective Date:** 12/01/2024

**Product Identification:**

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

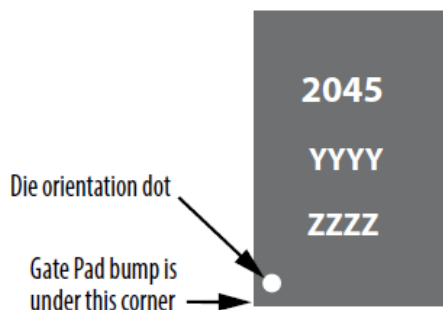
| EPC Part Number |
|-----------------|
| EPC2045         |
| EPC2088         |

You are receiving this notice because our records indicated that you have purchased the impacted devices in the past two years.

**Description of Change:**

The EPC2045 die marked with 2045 and the die mark with 03B1 are identical die. They are the exact same process and testing flow. The die marking using 03B1 is being added to the EPC2045 data sheet. This change will have no impact on the form, fit, or function of the devices.

**Die Markings Drawing Original EPC2045 data sheet:**



| Part Number | Laser Markings           |                                 |                                 |
|-------------|--------------------------|---------------------------------|---------------------------------|
|             | Part #<br>Marking Line 1 | Lot_Date Code<br>Marking Line 2 | Lot_Date Code<br>Marking Line 3 |
| EPC2045     | 2045                     | YYYY                            | ZZZZ                            |

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**Die Markings Drawing Post PCN EPC2045 data sheet:**

Die orientation dot →

Gate Pad bump is under this corner →

**2045**

YYYY

ZZZZ

| Part Number | Laser Markings        |                              |                              |
|-------------|-----------------------|------------------------------|------------------------------|
|             | Part # Marking Line 1 | Lot_Date Code Marking Line 2 | Lot_Date Code Marking Line 3 |
| EPC2045     | 2045                  | YYYY                         | ZZZZ                         |

Die orientation dot →

Gate Pad bump is under this corner →

**03B1**

YYYY

ZZZZ

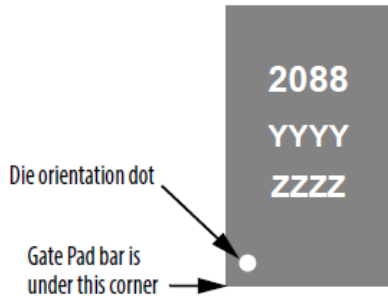
| Part Number | Laser Markings        |                              |                              |
|-------------|-----------------------|------------------------------|------------------------------|
|             | Part # Marking Line 1 | Lot_Date Code Marking Line 2 | Lot_Date Code Marking Line 3 |
| EPC2045     | 03B1                  | YYYY                         | ZZZZ                         |

This change will be in effect for production lots with lot numbers the same or greater than **E2549M\_C9C17045.1-M8, DC:2031**

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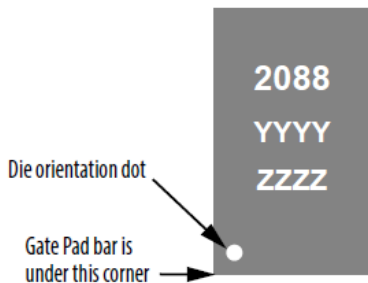
The EPC2088 die marked with 2088 and the die mark with 0B53 are identical die. They are the exact same process and testing flow. The die marking using 0B53 is being added to the EPC2088 data sheet. This change will have no impact on the form, fit, or function of the devices.

**Die Markings Drawing Original EPC2088 data sheet:**

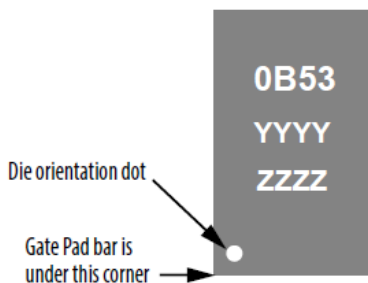


| Part Number | Laser Markings        |                              |                              |
|-------------|-----------------------|------------------------------|------------------------------|
|             | Part # Marking Line 1 | Lot_Date Code Marking Line 2 | Lot_Date Code Marking Line 3 |
| EPC2088     | 2088                  | YYYY                         | ZZZZ                         |

**Die Markings Drawing Post PCN EPC2088 data sheet:**



| Part Number | Laser Markings        |                              |                              |
|-------------|-----------------------|------------------------------|------------------------------|
|             | Part # Marking Line 1 | Lot_Date Code Marking Line 2 | Lot_Date Code Marking Line 3 |
| EPC2088     | 2088                  | YYYY                         | ZZZZ                         |



| Part Number | Laser Markings        |                              |                              |
|-------------|-----------------------|------------------------------|------------------------------|
|             | Part # Marking Line 1 | Lot_Date Code Marking Line 2 | Lot_Date Code Marking Line 3 |
| EPC2088     | 0B53                  | YYYY                         | ZZZZ                         |

This change will be in effect for production lots with lot numbers the same or greater than **E3631M\_C2215767.12, DC:2236**

**Last Time Buy:**

Not Applicable

**Samples**

Contact EPC



## Product / Process Change Notification (PCN)

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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 or the following EPC contacts directly.

EPC Sales Contact: Renee Yawger [Renee.Yawger@epc-co.com](mailto:Renee.Yawger@epc-co.com)

EPC Engineering Contact: Steve Colino [Steve.Colino@epc-co.com](mailto:Steve.Colino@epc-co.com)

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

### **EPC Approval:**

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

Quality Vice President: Yanping Ma

Date: 12/01/2024