



## Product Change Notification / JAON-13MUGT016

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### Date:

20-Jun-2016

### Product Category:

Backlight LED Drivers, Battery Management and Fuel Gauges - Battery Chargers, General Purpose LED Drivers, Hot Swap Controller, Linear Op Amps, Linear Regulators, Power Management - Power Switches, Power Management - PWM Controllers, Power MOSFET Drivers, Switching Regulators

### PCN Type:

Manufacturing Change

### Notification Subject:

CCB 1737.05 Intermediate Notice: Qualification of Microchip 8 inch Fabrication site for Micrel products manufactured with the BCD12 Process Technology.

### Notification Text:

**PCN Status:** Intermediate notification

**Microchip Parts Affected:** Please open the attachments found in the attachments field below labeled as PCN\_#\_Affected\_CPEN.

NOTE: For your convenience Microchip includes identical files in two formats (.pdf and .xls).

**Description of Change:** Qualification of Microchip 8 inch Fabrication site for Micrel products manufactured with the BCD12 Process Technology. This PCN is to inform you that qualification of the BCD12 process technology has completed and to provide the report for your review. Although we are providing you with the qualification data, products in this process technology will not ship from Microchip's Fab's until after the final PCN has been issued. Please review the FAQ linked [here](#) for additional information about this change.

**Pre Change:** Fabricated at Micrel fabrication site (San Jose, CA, USA) using 6 inch wafers.

**Post Change:** Fabricated at Microchip Fabrication site using 8 inch wafers.

**Impacts to Data Sheet:** None

**Reason for Change:** To improve productivity with the closure of the Micrel fab as part of the integration of Micrel and Microchip.

**Change Implementation Status:** In Progress

**Estimated First Ship Date:** Catalog part numbers fabricated in Microchip Fabs will not ship until the final PCN has been issued. Microchip will issue Final PCNs as catalog part numbers (CPN) are released to production.

NOTE: This FAB transition will vary by catalog part number (CPN) and may take several months/years to complete the transition.

**Summary Time Table of notable events to date:**

	September 2015					--->	February 2016					March 2016				
WW	36	37	38	39	40		05	06	07	08	09	10	11	12	13	
Initial PCN Issue Date	X															
Qual Report Available													X			

**Markings to Distinguish Revised from Unrevised Devices:** Traceability code and MPC on shipping label.

**Revision History:** **September 1, 2015:** Issued initial notification as PCN number **CYER-31JLEX869**

**March 17, 2016:** Issued intermediate notification with a different PCN number. Attached the Qualification Report. Revised the estimated first ship date (EFSD) to inform that the EFSD will be revealed in the final PCN.

**June 20, 2016:** Updated the Qualification Report to add the note on the ESD ratings.

The change described in this PCN does not alter Micrel's or Microchip's current regulatory compliance regarding the material content of the applicable products.

## Attachments:

[PCN\\_JAON-13MUGT016\\_Qual Report.pdf](#)

[PCN\\_JAON-13MUGT016\\_Affected\\_CPN.pdf](#)

[PCN\\_JAON-13MUGT016\\_Affected\\_CPN.xls](#)

Please contact your local **Microchip sales office** with questions or concerns regarding this notification.

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