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## Product Change Notification - BCDSI00017 - JAON-24FRFP480

**Date:** 06 Nov 2016  
**Product Category:** Analog (Thermal, Power Management & Safety)  
**Notification subject:** CCB 1737.01 Final Notice: Release to production of listed Micrel Regulator product type manufactured with the BCDSI process technology to Microchip Fab.  
**Notification text:** **PCN Status:**  
 Final Notification

Note: This final PCN only pertains to the products listed in this PCN. Additional final PCNs may be issued for this combination of product type and process technology.

**Microchip Parts Affected:**

Please open the attachments found in the attachments field below labeled as PCN\_#\_Affected\_CPN.

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

**Description of Change:**

Release to production of listed Micrel Regulator product type manufactured with the BCDSI process technology to Microchip Fab.

NOTE: 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.

**Pre and Post Change Summary:**

	Pre Change	Post Change
<b>Fab Site</b>	Micrel fabrication site (San Jose, CA, USA)	Microchip fabrication site
<b>Wafer Size</b>	6 inch wafers	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:**

As identified for each CPN listed in the attached parts list.

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

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	September 2015					->	March 2016					->	November 2016					December 2016				
WW	36	37	38	39	40		09	10	11	12	13		44	45	46	47	48	49	50	51	52	
Initial PCN Issue Date CYER-31JLEX869	X																					
Qual Report Available JAON-24FRFP480							X															
Final PCN Issue Date JAON-24FRFP480-BCDSI00017													X									
Estimated First Ship Date																						As listed in the attached parts list.

**Markings to Distinguish Revised from Unrevised Devices:**  
Traceability code and shipping label see [FAQ](#).

**Revision History:**

**September 1, 2015:** Issued initial notification as PCN number [CYER-31JLEX869](#).

**March 3, 2016:** Issued intermediate notification as PCN number [JAON-24FRFP480](#). Attached the Qualification Report. Revised the estimated first ship date (EFSD) to inform that the EFSD will be revealed in the final PCN.

**November 6, 2016:** Issued final notification as PCN number [JAON-24FRFP480-BCDSI00017](#) for listed Micrel's Regulator products manufactured with the BCDSI process technology. Provided estimated first ship date (EFSD) for each CPN listed in the attached parts list.

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.

- Attachment(s):**
- [PCN\\_JAON-24FRFP480\\_Qual Report.pdf](#)
  - [PCN\\_JAON-24FRFP480-BCDSI00017\\_Affected\\_CPN.pdf](#)
  - [PCN\\_JAON-24FRFP480-BCDSI00017\\_Affected\\_CPN.xls](#)

Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.

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JAON-24FRFP480-BCDSI00017 - CCB 1737.01 Final Notice: Release to production of listed Micrel Regulator product type manufactured with the BCDSI process technology to Microchip Fab.

Affected Catalog Part Numbers (CPN)

<b>PCN_JAON-24FRFP480-BCDSI00017</b>	
<b>CATALOG_PART_NBR</b>	<b>Estimated First Ship Date (EFSD)</b>
MIC2177-3.3YWM	December 16, 2016
MIC2177-3.3YWM-TR	December 16, 2016
MIC2177-5.0YWM	December 16, 2016
MIC2177-5.0YWM-TR	December 16, 2016
MIC2177YWM	December 16, 2016
MIC2177YWM-TR	December 16, 2016
MIC2178-3.3YWM	December 16, 2016
MIC2178-3.3YWM-TR	December 16, 2016
MIC2178-5.0YWM	December 16, 2016
MIC2178-5.0YWM-TR	December 16, 2016
MIC2178YWM	December 16, 2016
MIC2178YWM-TR	December 16, 2016
MIC2179-3.3YSM	December 16, 2016
MIC2179-3.3YSM-TR	December 16, 2016
MIC2179-5.0YSM	December 16, 2016
MIC2179-5.0YSM-TR	December 16, 2016
MIC2179YSM	December 16, 2016
MIC2179YSM-TR	December 16, 2016