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## Product Change Notification - BCC0000001 - JAON-24XLPK873

**Date:** 05 Jul 2016  
**Product Category:** Analog (Thermal, Power Management & Safety)  
**Notification subject:** CCB 1737.03 Final Notice: Release to production of listed Micrel Regulator product type manufactured with the BCC 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 BCC 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:**

	September 2015					--->	February 2016				March 2016					April 2016				May 2016				
Workweek	36	37	38	39	40		05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	
Initial PCN Issue Date  CYER-31JLEX869	X																							
Qual Report Available  JAON-24XLPK873									X															
Final PCN Issue Date  JAON-24XLPK873-BCC0000001																			X					
Estimated First Ship Date																					X			

**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](#)
- February 25, 2016:** Issued intermediate notification as PCN number [JAON-24XLPK873](#). Attached the Qualification Report. Revised the estimated first ship date (EFSD) to inform that the EFSD will be provided in the final PCN.
- March 3, 2016:** Issued final notification as PCN number [JAON-24XLPK873-BCC0000001](#) for MIC5205-5.0YM5-TR Micrel catalog part number (CPN). Provided estimated first ship date (EFSD) on April 4, 2016.
- May 3, 2016:** Re-issued the final notification to be available in the website. Updated the subject and description to indicate that this is the release to production of listed Micrel Regulator product type manufactured with the BCC process technology to Microchip Fab. Revised the estimated first ship date from April 4, 2016 to May 15, 2016.
- June 20, 2016:** Updated the Qualification Report to add the note on the ESD ratings.
- July 5, 2016:** Updated the qualification report to correct a typographical error to the ESD-CDM from +/-1000V to +/-1500V.

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-24XLPK873\\_Qual Report.pdf](#)  
[PCN\\_JAON-24XLPK873- BCC0000001\\_Affected\\_CPN.pdf](#)  
[PCN\\_JAON-24XLPK873- BCC0000001\\_Affected\\_CPN.xls](#)

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

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Affected Catalog Part Numbers (CPN)

PCN_JAON-24XLPK873- BCC0000001	
CATALOG_PART_NBR	Estimated First Ship Date (EFSD)
MIC5205-5.0YM5-TR	May 15, 2016