

Product Change Notification - BCC0000002 - JAON-24XLPK873

Date: 10 Feb 2017

Product Category: Linear Regulators

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
Fab Site	Micrel fabrication site (San Jose, CA, USA)	Microchip fabrication site
Wafer Size	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				-->	June 2016					July 2016				
Workweek	36	37	38	39	40		05	06	07	08		22	23	24	25	26	27	28	29	30	
Initial PCN Issue Date CYER-31JLEX869	X																				
Qual Report Available JAON-24XLPK873										X											
Final PCN Issue Date JAON-24XLPK873-BCC0000002															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**.

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 revealed in the final PCN.

June 23, 2016: Issued final notification as PCN number **JAON-24XLPK873-BCC0000002** for listed Micrel's Regulator products manufactured with the BCC process technology. Provided estimated first ship date (EFSD) for each CPN listed in the attached parts list.

July 5, 2016: Updated the qualification report to correct a typographical error to the ESD-CDM from +/- 1000V to +/-1500V.

February 10, 2017: Updated the affected parts list to remove catalog part numbers (CPN) SPN020140G-TR, SPN020205-TR and SPN020203-TR.

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-BCC0000002_Qual Report.pdf](#)

[PCN_JAON-24XLPK873-BCC0000002_Affected CPN.pdf](#)

[PCN_JAON-24XLPK873-BCC0000002_Affected CPN.xls](#)

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

Terms and Conditions:

If you wish to change your product/process change notification (PCN) profile please log on to our website at

<http://www.microchip.com/PCN> sign into myMICROCHIP to open the myMICROCHIP home page, then select a profile option from the left navigation bar.

To opt out of future offer or information emails (other than product change notification emails), click here to go to [microchipDIRECT](#) and login, then click on the "My account" link, click on "Update profile" and un-check the box that states "Future offers or information about Microchip's products or services."



[Products](#) | [Applications](#) | [Design Support](#) | [Training](#) | [Sample And Buy](#) | [About Us](#) | [Contact Us](#) | [Legal](#) | [Investors](#) | [Careers](#) | [Support](#)

©Copyright 1998-2017 Microchip Technology Inc. All rights reserved.

JAON-24XLPK873-BCC0000002 - CCB 1737.03 Final Notice: Release to production of listed Micrel Regulator product type manufactured with the BCC process technology to Microchip Fab.

Affected Catalog Part Numbers (CPN)

PCN_JAON-24XLPK873-BCC0000002	
CATALOG_PART_NBR	Estimated First Ship Date (EFSD)
MIC5295-5.0YD	July 29, 2016
MIC5295-3.0YD	July 29, 2016
MIC5295-3.3YD	July 29, 2016
MIC5295YD	July 29, 2016
MIC5233-3.3YS	July 29, 2016
MIC5225-5.0YM5-TX	July 29, 2016
MIC5235-1.5YM5-TX	July 29, 2016
MIC5235-5.0YM5-TX	July 29, 2016
MIC5235-2.5YM5-TX	July 29, 2016
MIC5235-3.3YM5-TX	July 29, 2016
MIC5235YM5-TX	July 29, 2016
MIC5225-1.5YM5-TR	July 29, 2016
MIC5225-5.0YM5-TR	July 29, 2016
MIC5225-2.5YM5-TR	July 29, 2016
MIC5225-2.7YM5-TR	July 29, 2016
MIC5225-3.0YM5-TR	July 29, 2016
MIC5225-1.8YM5-TR	July 29, 2016
MIC5225-3.3YM5-TR	July 29, 2016
MIC5225YM5-TR	July 29, 2016
MIC5233-2.5YM5-TR	July 29, 2016
MIC5233YM5-TR	July 29, 2016
MIC5233-3.3YM5-TR	July 29, 2016
MIC5233-1.8YM5-TR	July 29, 2016
MIC5233-3.0YM5-TR	July 29, 2016
MIC5233-5.0YM5-TR	July 29, 2016
MIC5235-1.5YM5-TR	July 29, 2016
MIC5235-5.0YM5-TR	July 29, 2016
MIC5235-2.5YM5-TR	July 29, 2016
MIC5235-2.7YM5-TR	July 29, 2016
MIC5235-3.0YM5-TR	July 29, 2016
MIC5235-2.8YM5-TR	July 29, 2016
MIC5235-1.8YM5-TR	July 29, 2016
MIC5235-3.3YM5-TR	July 29, 2016
MIC5235YM5-TR	July 29, 2016
SPN020180Y-TR	July 29, 2016
SPN020127Y-TR	July 29, 2016
SPN020156G-TR	July 29, 2016
SPN020155G-TR	July 29, 2016
SPN020170G-TR	July 29, 2016
SPN020161G-TR	July 29, 2016
MIC5295-5.0YD-TR	July 29, 2016
MIC5295-3.0YD-TR	July 29, 2016

JAON-24XLPK873-BCC0000002 - CCB 1737.03 Final Notice: Release to production of listed Micrel Regulator product type manufactured with the BCC process technology to Microchip Fab.

Affected Catalog Part Numbers (CPN)

PCN_JAON-24XLPK873-BCC0000002	
CATALOG_PART_NBR	Estimated First Ship Date (EFSD)
MIC5295-3.3YD-TR	July 29, 2016
MIC5295YD-TR	July 29, 2016
MIC5233-3.3YS-TR	July 29, 2016