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Product Change Notification - BCC0000010 - JAON-24XLPK873

Date: 29 Sep 2016
Product Category: Analog (Thermal, Power Management & Safety)
Notification subject: CCB 1737.03 Final Notice: Release to production of listed Micrel Controller 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 Controller 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				->	September 2016					October 2016				November 2016			
Workweek	36	37	38	39	40		05	06	07	08		35	36	37	38	39	40	41	42	43	44	45	46	47
Initial PCN Issue Date CYER-31JLEX869	X																							
Qual Report Available JAON-24XLPK873									X															
Final PCN Issue Date JAON-24XLPK873-BCC0000010																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.
September 29, 2016: Issued final notification as PCN number [JAON-24XLPK873-BCC0000010](#) for listed Micrel's Controller products manufactured with the BCC 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-24XLPK873_Qual Report.pdf](#)
[PCN_JAON-24XLPK873-BCC0000010_Affected_CPN.pdf](#)
[PCN_JAON-24XLPK873-BCC0000010_Affected_CPN.xls](#)

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

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JAON-24XLPK873-BCC0000010 - CCB 1737.03 Final Notice: Release to production of listed Micrel Controller product type manufactured with the BCC process technology to Microchip Fab.

Affected Catalog Part Numbers (CPN)

PCN_JAON-24XLPK873-BCC0000010	
CATALOG_PART_NBR	Estimated First Ship Date (EFSD)
MIC38C42AYM	November 10, 2016
MIC38C42AYM-TR	November 10, 2016
MIC38C42AYMM	November 10, 2016
MIC38C42AYMM-TR	November 10, 2016
MIC38C43AYM	November 10, 2016
MIC38C43AYM-TR	November 10, 2016
MIC38C43AYMM	November 10, 2016
MIC38C43AYMM-TR	November 10, 2016
MIC38C44AYM	November 10, 2016
MIC38C44AYM-TR	October 13, 2016
MIC38C44AYMM	November 10, 2016
MIC38C44AYMM-TR	November 10, 2016
MIC38C45AYM	November 10, 2016
MIC38C45AYM-TR	November 10, 2016
MIC38C45AYMM	November 10, 2016
MIC38C45AYMM-TR	November 10, 2016
MIC38C42-1YM	November 10, 2016
MIC38C42-1YM-TR	November 10, 2016
MIC38C42YM	November 10, 2016
MIC38C42YM-TR	November 10, 2016
MIC38C42YMM	November 10, 2016
MIC38C42YMM-TR	November 10, 2016
MIC38C42YN	November 10, 2016
MIC38C43-1YM	November 10, 2016
MIC38C43-1YM-TR	November 10, 2016
MIC38C43YM	November 10, 2016
MIC38C43YM-TR	October 13, 2016
MIC38C43YMM	November 10, 2016
MIC38C43YMM-TR	November 10, 2016
MIC38C43YN	November 10, 2016
MIC38C44-1YM	November 10, 2016
MIC38C44-1YM-TR	November 10, 2016
MIC38C44-1YN	November 10, 2016
MIC38C44YM	November 10, 2016
MIC38C44YM-TR	November 10, 2016
MIC38C44YMM	November 10, 2016
MIC38C44YMM-TR	November 10, 2016
MIC38C44YN	November 10, 2016
MIC38C45-1YM	November 10, 2016
MIC38C45-1YM-TR	November 10, 2016
MIC38C45YM	November 10, 2016
MIC38C45YM-TR	November 10, 2016

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Affected Catalog Part Numbers (CPN)

PCN_JAON-24XLPK873-BCC0000010	
CATALOG_PART_NBR	Estimated First Ship Date (EFSD)
MIC38C45YMM	November 10, 2016
MIC38C45YMM-TR	November 10, 2016
MIC38C45YN	November 10, 2016