

Product Change Notification - BCD0500003 - JAON-20BQVK768

Date: 29 Dec 2017
Product Category: Power Management - PWM Controllers
Notification subject: CCB 2837 Final Notice: Release to production of listed Micrel Controller product type manufactured with the BCD05 process technology to Fabrication site (FAB 5).
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.

PCN Type:
Manufacturing Change

Microchip Parts Affected:

Please open the attachments found in the attachments field below labeled as PCN_#_Affected_CPIN.

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 BCD05 process technology to Fabrication site (FAB 5).

Pre Change:

Fabricated at Micrel fabrication site (San Jose, CA, USA) (SJ) using 6 inch wafers.

Post Change:

Fabricated at Atmel Fabrication site FAB 5 (Colorado Springs, CO, USA) (COS) using 6 inch wafers

Pre and Post Change Summary:

	Pre Change	Post Change	
Fabrication Location	Micrel Fabrication Site (San Jose, CA, USA)	Primary Fab Location: Atmel Fabrication site FAB 5 (Colorado Springs, CO USA)	Backup Fab Locations: Microchip Fabrication Sites (Tempe, AZ and Gresham, OR, USA)
Wafer Diameter	6 inches (150 mm)	6 inches (150 mm)	8 inches (200 mm)
Quality certification	ISO9001	ISO9001/TS16949	ISO/TS16949
Data sheet / specifications	No Change	No Change	No Change
Design/layout	No Change	No Change	No Change
Die Size	No change	No change	No change
Final test program	No change	No change	No change
Package Type/MSL	No Change	No Change	No Change

Impacts to Data Sheet:
No impact anticipated.

Change Impact:
None

Reason for Change:
To improve productivity with the closure of the Micrel fab (SJ) 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:

	December 2016					->	May 2017				->	December 2017					January 2018			
	48	49	50	51	52		18	19	20	21		48	49	50	51	52	01	02	03	04
Initial PCN Issue Date				X																
Qualification Report Availability and Intermediate PCN issue date JAON-20BQVK768						X														
Final PCN Issue Date JAON-20BQVK768 - BCD0500003													X							
Estimated First Ship Date															As listed in the attached parts list.					

Method to Identify Change:

Traceability code

Qualification Report:

Please open the attachments included with this PCN labeled as PCN_#_Qual Report.

Revision History:

December 23, 2016: Issued initial notification.

May 4, 2017: Issued intermediate notification. Attached the Qualification Report.

December 29, 2017: Issued final notification as PCN number JAON-20BQVK768 - BCD0500003 for listed Micrel's Controller products manufactured with the BCD05 process technology to Fabrication site (FAB 5). 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 Atmel's or Microchip's current regulatory compliance regarding the material content of the applicable products.

Attachment(s):

[PCN_JAON-20BQVK768-BCD0500003_Affected_CPN.pdf](#)

[PCN_JAON-20BQVK768-BCD0500003_Qual_Report.pdf](#)

[PCN_JAON-20BQVK768-BCD0500003_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-20BQVK768-BCD0500003	
CATALOG_PART_NBR	Estimated First Ship Date (EFSD)
MIC2128YML-T5	January 05, 2018
MIC2128YML-TR	January 05, 2018
MIC2127AYML-TR	January 05, 2018
MIC2127AYML-T5	January 05, 2018
MIC2164YMM	January 05, 2018
MIC2174-1YMM	January 05, 2018
MIC2164YMM-TR	January 05, 2018
MIC2174-1YMM-TR	January 05, 2018
MIC2164-2YMM	January 05, 2018
MIC2164-2YMM-TR	January 05, 2018
MIC2164-3YMM	January 05, 2018
MIC2164-3YMM-TR	January 05, 2018