

Product Change Notification - BCD0500002 - JAON-20BQVK768

Date: 29 Sep 2017
Product Category: Linear Regulators
Notification subject: CCB 2837 Final Notice: Release to production of listed Micrel Regulator product type manufactured with the BCD05 process technology to Fabrication site (FAB 5).
Notification text: **PCN Status:**
 Final notification

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 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 (S) 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:

Workweek	December 2016					->	May 2017				->	September 2017					October 2017				
	48	49	50	51	52		18	19	20	21		35	36	37	38	39	40	41	42	43	
Initial PCN Issue Date				X																	
Qualification Report Availability and Intermediate PCN issue date JAON-20BQVK768							X														
Final PCN Issue Date JAON-20BQVK768 - BCD0500002																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.
September 29, 2017: Issued final notification as PCN number JAON-20BQVK768 - BCD0500002 for listed Micrel's Regulator 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-BCD0500002_Qual_Report.pdf](#)
[PCN_JAON-20BQVK768-BCD0500002_Affected_CPN.pdf](#)
[PCN_JAON-20BQVK768-BCD0500002_Affected_CPN.xls](#)

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Affected Catalog Part Numbers (CPN)

PCN_JAON-20BQVK768-BCD0500002	
CATALOG_PART_NBR	Estimated First Ship Date (EFSD)
MIC61150YMME	October 18, 2017
MIC61150YMME-TR	October 18, 2017
MIC61150YML-TR	October 18, 2017