



English ▼

[PRODUCTS](#) [APPLICATIONS](#) [DESIGN SUPPORT](#) [SAMPLE AND BUY](#) [ABOUT US](#) [CONTACT US](#) [MYMICROCHIP LOGIN](#)
[more...](#)

Product Change Notification - JAON-29XUTR452 (Printer Friendly)

Date:

30 Mar 2017

Product Category:

Clock and Timing - Clock and Data Distribution; Clock and Timing - High Speed Communication

Notification subject:

CCB 2871 Initial Notice - Fabrication Site Qualification: Qualification of Fabrication site (FAB 5) for Micrel products manufactured with the SiGe process technology.

Notification text:**PCN Status:**

Initial 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:

Qualification of Fabrication site (FAB 5) for Micrel products manufactured with the SiGe process technology.

Please review the FAQ attached here for additional information regarding this change.

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

Note: Microchip previously announced that the qualification of this process technology (SiGe) will be qualified at Microchip Fabrication Sites using 8 inch wafers. That qualification will proceed and will be communicated when completed as indicated in PCN [CYER-31JLEX869](#). The Colorado Springs location will become the primary location while the Microchip Fabrication sites locations using 8 inch wafers will be secondary manufacturing sites.

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)	Secondary Fab Location: 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 Qualification Completion Date:

April 2017

Note: Please be advised the qualification completion times may be extended because of unforeseen business conditions however implementation will not occur until after qualification has completed and a final PCN has been issued. The final PCN will include the qualification report and estimated first ship date.

Estimated First Ship Date:

Catalog part numbers fabricated at FAB 5 will not ship until after the final PCN with the listed CPN(s) attached. Microchip will issue Final PCNs as mask sets are released to production at FAB 5. Final PCNs will not be issued until after the qual data has been provided. Qual data will be provided in the intermediate PCN as noted in the time table below.

NOTE: This FAB transition will vary by catalog part number (CPN) and may take several months/years to complete the transition that may result in several final PCNs.

Summary Time Table of notable events to date:

	March 2017					April 2017				May 2017 onwards
Workweek	09	10	11	12	13	14	15	16	17	
Initial PCN Issue Date					X					
Qualification Report Availability and Intermediate									X	

PCN issue date										
Final PCN Issue Date										Will be issued as catalog part numbers (CPNs) are released to production

Method to Identify Change:

Traceability code.

Qualification Plan:

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

Revision History:

March 30, 2017: Issued initial notification.

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):[Frequently Asked Questions_FAB Transfer_SiGe_Fab5.pdf](#)[PCN_JAON-29XUTR452_Qual Plan.pdf](#)[PCN_JAON-29XUTR452_Affected CPN.pdf](#)[PCN_JAON-29XUTR452_Affected CPN.xlsx](#)

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.

