



## Product Change Notification - SIGE000007 - JAON-29XUTR452

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**Date:**

25 Oct 2019

**Product Category:**

Clock and Timing - Clock and Data Distribution

**Affected CPNs:****Notification subject:**

CCB 2871 Final Notice: Release to production of listed Micrel Clock and Timing product type manufactured with the SiGe 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 one of the icons found in the Affected CPNs section above.

NOTE: For your convenience Microchip includes identical files in two formats (.pdf and .xls).

**Description of Change:**

Release to production of listed Micrel Clock and Timing product type manufactured with the SiGe 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)	Secondary Fab Location: Microchip Fabrication Site (Tempe, AZ 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:**

Estimated First Ship Date (EFSD) are identified for each catalog part numbers (CPN) listed in the attached parts list. This can be found in the attachments field below labeled as PCN\_#\_Affected\_CPN.

**Summary Time Table of notable events to date:**

	March 2017					->	July 2017					->	October 2019					November 2019				
	09	10	11	12	13		27	28	29	30	40		41	42	43	44	45	46	47	48	45	
Initial PCN Issue Date					X																	
Qualification Report Availability and Intermediate PCN issue date  JAON-29XUTR452						X																
Final PCN Issue Date  JAON-29XUTR452 - SIGE000007													X									
Estimated First Ship Date															As listed in the attached parts list below.							

**Method to Identify Change:**



Traceability code.

**Qualification Report:**

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

**Revision History:**

**March 30, 2017:** Issued initial notification.

**July 5, 2017:** Issued intermediate notification. Attached the Qualification report.

**October 25, 2019:** Issued final notification as PCN number JAON-29XUTR452 - SIGE000007 for listed Micrel's Clock and Timing products manufactured with the SiGe 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-29XUTR452-SIGE000007 Qual Report.pdf](#)

[PCN JAON-29XUTR452-SIGE000007 Affected CPN.pdf](#)

[PCN JAON-29XUTR452-SIGE000007 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)

SY58034UMG

SY56034ARMG

SY58034UMG-TR

SY56034ARMG-TR