

## Product Change Notification / JAON-29XUTR452 - SIGE000013

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21-Jul-2020

# **Product Category:**

Clock and Timing - Clock and Data Distribution

# **PCN Type:**

Manufacturing Change

# **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).

### **Affected CPNs:**

JAON-29XUTR452-SIGE000013\_Affected\_CPN\_07212020.pdf JAON-29XUTR452-SIGE000013\_Affected\_CPN\_07212020.csv

### **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 Ch	ange
Fabrication Location	Micrel Fabrication Site (San	Primary Fab Location:	Secondary Fab Location:
	Jose, CA, USA)	Atmel Fabrication site FAB 5 (Colorado Springs, CO USA)	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:**

		Ma	rch 2	017				July	2017				Ju	ly 20	20		Д	ugus	t 202	0	September 2020				
Workweek	0 9	1 0	1 1	1 2	1 3	>	2 7	2 8	2 9	3 0	^	2 7	2 8	2 9	3 0	3 1	3 2	3	3 4	3 5	3 6	3 7	3 8	3 9	4
Initial PCN Issue Date					Х																				
Qualification Report Availability and Intermediate PCN issue date							Х																		
JAON-29XUTR45 2																									
Final PCN Issue Date															Х										

JAON-29XUTR452 - SIGE000013										
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 **July 21, 2020:** Issued final notification as PCN number JAON-29XUTR452 – SIGE000013 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.

### **Attachments:**

PCN\_JAON-29XUTR452-SIGE000013\_Affected\_CPN.pdf PCN\_JAON-29XUTR452-SIGE000013\_Affected\_CPN.xls PCN\_JAON-29XUTR452-SIGE000013\_Qual\_Report.pdf

Please contact your local Microchip sales office with questions or concerns regarding this notification.

#### **Terms and Conditions:**

If you wish to <u>receive Microchip PCNs via email</u> please register for our PCN email service at our <u>PCN</u> home page select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the <u>PCN FAQ</u> section.

If you wish to <u>change your PCN profile</u>, <u>including opt out</u>, please go to the <u>PCN home page</u> select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

JAON-29XUTR452-SIGE000013 - 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).

Affected Catalog Part Numbers (CPN)

PCN_JAON-29XUTR452-SIGE000013										
CATALOG_PART_NBR	Estimated First Ship Date(EFSD)									
SY54023ARMG	September 01, 2020									
SY54023ARMG-TR	September 01, 2020									
SY54016RMG-TR	August 04, 2020									