

Product Change Notification - S100000002 - JAON-01RSNA976

Date: 29 Dec 2017
Product Category: Clock and Timing - Clock and Data Distribution
Notification subject: CCB 2736 Final Notice: Release to production of listed Micrel Clock and Timing product type manufactured with the S1 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_CPN.

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 S1 process technology to Fabrication site (FAB 5).

NOTE: Please review the FAQ attached in this notification 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.

Pre and Post Change Summary:

	Pre Change	Post Change
Fabrication Location	Micrel Fabrication Site (San Jose, CA, USA)	Atmel Fabrication site FAB 5 (Colorado Springs, CO USA)
Wafer Diameter	6 inches (150 mm)	6 inches (150 mm)
Quality certification	ISO9001	ISO9001/TS16949
Data sheet / specifications	No Change	No Change
Design/layout	No Change	No Change
Die Size	No change	No change
Final test program	No change	No change
Package Type/MSL	No Change	No Change

Impacts to Data Sheet:
None

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:

	October 2016				->	March 2017					->	December 2017					January 2018				
Workweek	40	41	42	43		09	10	11	12	13		48	49	50	51	52	01	02	03	0	
Initial PCN Issue Date	X																				
Qualification Report Availability and Intermediate PCN issue date JAON-01RSNA976						X															
Final PCN Issue Date JAON-01RSNA976-S100000002																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:
October 14, 2016: Issued initial notification.
March 9, 2017: Issued intermediate notification. Attached the Qualification Report.
December 29, 2017: Issued final notification as PCN number JAON-01RSNA976-S100000002 for listed Micrel's Clock and Timing products manufactured with the S1 process technology. 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 Microchip's current regulatory compliance regarding the material content of the applicable products.

Attachment(s):

[PCN_JAON-01RSNA976-S100000002_Affected CPN.pdf](#)

[PCN_JAON-01RSNA976-S100000002_Qual Report.pdf](#)

[PCN_JAON-01RSNA976-S100000002_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-01RSNA976-S100000002	
CATALOG_PART_NBR	Estimated First Ship Date (EFSD)
SY100EPT22VZG	January 05, 2018
SY100ELT23ZG	January 05, 2018
SY100ELT23ZG-TR	January 05, 2018
SY89250VMG-TR	January 05, 2018
SY100EL15LZG	January 05, 2018
SY100EL15LZG-TR	January 05, 2018
SY100EPT21LKG	January 05, 2018
SY100EPT21LKG-TR	January 05, 2018
SY89825UHY	January 05, 2018
SY89825UHY-TR	January 05, 2018