



Product Change Notification - S100000006 - JAON-01RSNA976

Date:

09 Oct 2018

Product Category:

Clock and Timing - Clock and Data Distribution

Affected CPNs:**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 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 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					->	October 2018					
Workweek	40	41	42	43		09	10	11	12	13		40	41	42	43	44	
Initial PCN Issue Date		X															
Qualification Report Availability and Intermediate PCN issue date							X										
JAON-01RSNA976																	
Final PCN Issue Date JAON-01RSNA976-S100000006													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.

October 09, 2018: Issued final notification as PCN number JAON-01RSNA976-S100000006 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-S100000006 Affected CPN.pdf](#)

[PCN JAON-01RSNA976-S100000006 Qual Report.pdf](#)

[PCN JAON-01RSNA976-S100000006 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)

SY89828LHY

SY89828LHY-TR