

Product Change Notification - S200000017 - JAON-14FRVC158

Date: 15 Nov 2017
Product Category: Clock and Timing - Clock and Data Distribution; Clock and Timing - High Speed Communication
Notification subject: CCB 1737.11 Final Notice: Release to production of listed Micrel Clock and Timing product type manufactured with the S2 process technology to Microchip Fab.
Notification text: **PCN Status:**
 Final Notification

PCN Type:
 Manufacturing Change

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.

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 S2 process technology to Microchip Fab.

NOTE: Please review the FAQ linked [here](#) for additional information about this change.

Pre Change:
 Fabricated at Micrel fabrication site (San Jose, CA, USA) using 6 inch wafers.

Post Change:
 Fabricated at Microchip fabrication site using 8 inch wafers.

Pre and Post Change Summary:

| | Pre Change | Post Change |
|-------------------|---|----------------------------|
| Fab Site | Micrel fabrication site (San Jose, CA, USA) | Microchip fabrication site |
| Wafer Size | 6 inch wafers | 8 inch wafers |

Impacts to Data Sheet:
 None

Reason for Change:
 To improve productivity with the closure of the Micrel fab 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:

| | September 2015 | -> | November 2016 | -> | November 2017 | December 2017 |
|--|----------------|----|---------------|----|---------------|---------------|
| | | | | | | |

| Workweek | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 |
|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------------------------------------|
| Initial PCN Issue Date CYER-31JLEX869 | X | | | | | | | | | | | | | | | | |
| Qual Report Available JAON-14FRVC158 | | | | | | | X | | | | | | | | | | |
| Final PCN Issue Date JAON-14FRVC158-S200000017 | | | | | | | | | | | | | X | | | | |
| Estimated First Ship Date | | | | | | | | | | | | | | | | | As listed in the attached parts list |

Markings to Distinguish Revised from Unrevised Devices:
Traceability code and shipping label see [FAQ](#).

Revision History:
September 1, 2015: Issued initial notification as PCN number [CYER-31JLEX869](#).
November 4, 2016: Issued intermediate notification as PCN number [JAON-14FRVC158](#). Attached the Qualification Report. Revised the estimated first ship date (EFSD) to inform that the EFSD will be revealed in the final PCN.
November 15, 2017: Issued final notification as PCN number [JAON-14FRVC158-S200000017](#) for listed Micrel's Clock and Timing products manufactured with the S2 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-14FRVC158-S200000017_Affected CPN.pdf](#)
 - [PCN_JAON-14FRVC158-S200000017_Qual Report.pdf](#)
 - [PCN_JAON-14FRVC158-S200000017_Affected CPN.xls](#)

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."

JAON-14FRVC158 - S200000017 - CCB 1737.11 Final Notice: Release to production of listed Micrel Clock and Timing product type manufactured with the S2 process technology to Microchip Fab.

Affected Catalog Part Numbers (CPN)

| PCN_JAON-14FRVC158-S200000017 | |
|--------------------------------------|---|
| CATALOG_PART_NBR | Estimated First Ship Date (EFSD) |
| SY89834UMG | November 28, 2017 |
| SY89834UMG-TR | December 26, 2017 |
| SY88149HALMG | December 26, 2017 |
| SY88149HALMG-TR | December 26, 2017 |