



Product Change Notification / JAON-14FRVC158 - S200000043

Date:

26-Sep-2022

Product Category:

Clock and Timing - Clock and Data Distribution

PCN Type:

Manufacturing Change

Notification Subject:

CCB 1737.11 Final Notice: Qualification of Microchip 8 inch Fabrication site for Micrel products manufactured with the S2 Process Technology.

Affected CPNs:

[JAON-14FRVC158-S200000043_Affected_CPN_09262022.pdf](#)

[JAON-14FRVC158-S200000043_Affected_CPN_09262022.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 files found in the Affected CPNs section.

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

Description of Change:Qualification of Microchip 8 inch Fabrication site for Micrel products manufactured with the S2 Process Technology. This PCN is to inform you that qualification of the S2 process technology has completed and to provide the report for your review.

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

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

Change Impact: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:October 5, 2022 (date code: 2241)

Note: Please be advised that after the estimated first ship date customers may receive pre and post change parts.

Time Table Summary

| | September 2015 | | | | | November 2016 | | | | September 2022 | | | | | October 2022 | | | | | |
|----------------------------|----------------|--------|--------|--------|--------|---------------|--------|--------|--------|----------------|---|--------|--------|--------|--------------|--------|--------|--------|--------|--------|
| | 3 6 | 3 7 | 3 8 | 3 9 | 4 0 | > | 4 4 | 4 5 | 4 6 | 4 7 | > | 3 6 | 3 7 | 3 8 | 3 9 | 4 0 | 4 1 | 4 2 | 4 3 | 4 4 |
| Initial PCN Issue Date | | | | | | | | | | | | | | | | | | | | |
| CYER-31JLEX86 9 | X | | | | | | | | | | | | | | | | | | | |
| Qual Report Available | | | | | | | | | | X | | | | | | | | | | |
| JAON-14FRVC15 8 | | | | | | | | | | | | | | | | | | | | |
| Final PCN Issue | | | | | | | | | | | | | | | | X | | | | |

| | | | | | | | | | | | | | | | |
|-------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|
| Date | | | | | | | | | | | | | | | |
| JAON-14FRVC15 8-S200000043 | | | | | | | | | | | | | | | |
| Estimated First Ship Date | | | | | | | | | | | | | X | | |

Method to Identify Change:

Traceability code

Qualification Report:

Please open the attachments included with this PCN labeled as PCN_#_Qual_Report.

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.

September 26, 2022: Issued final notification as PCN number JAON-14FRVC158-S200000043 for listed Micrel products manufactured with the S2 Process Technology. Added pre and post change summary. Removed “Pre Change” and “Post change” text section. Provided estimated first ship date to be on October 6, 2022.

The change described in this PCN does not alter Microchip’s current regulatory compliance regarding the material content of the applicable products.

Attachments:

[PCN_JAON-14FRVC158-S200000043_Qual_Report.pdf](#)

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

Terms and Conditions:

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

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