



Product Change Notification / JAON-14FRVC158 - S200000042

Date:

01-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-S200000042_Affected_CPN_09012022.pdf](#)
[JAON-14FRVC158-S200000042_Affected_CPN_09012022.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:September 8, 2022 (date code: 2237)

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 | | | | |
|---|----------------|----|----|----|----|---|---------------|----|----|----|----|---|----------------|----|----|----|--|
| | 36 | 37 | 38 | 39 | 40 | | 44 | 45 | 46 | 47 | 36 | | 37 | 38 | 39 | 40 | |
| Workweek | | | | | | | | | | | | | | | | | |
| Initial PCN Issue Date CYER-31JLEX869 | x | | | | | | | | | | | | | | | | |
| Qual Report Available JAON-14FRVC158 | | | | | | | | x | | | | | | | | | |
| Final PCN Issue Date JAON-14FRVC158-S200000042 | | | | | | | | | | | | x | | | | | |
| Estimated First | | | | | | | | | | | | | x | | | | |

Affected Catalog Part Numbers (CPN)

SY55859LMG

SY55859LMG-TR