



Product Change Notification / JAON-24XLPK873

Date:

05-Jul-2016

Product Category:

Backlight LED Drivers, Battery Management and Fuel Gauges - Battery Chargers, General Purpose LED Drivers, Linear Comparators, Linear Op Amps, Linear Regulators, Power Management - PWM Controllers, Switching Regulators, Voltage References

PCN Type:

Manufacturing Change

Notification Subject:

CCB 1737.03 Intermediate Notice: Qualification of Microchip 8 inch Fabrication site for Micrel products manufactured with the BCC Process Technology.

Notification Text:

PCN Status: Intermediate Notification

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: Qualification of Microchip 8 inch Fabrication site for Micrel products manufactured with the BCC Process Technology. This PCN is to inform you that qualification of the BCC process technology has completed and to provide the report for your review. Although we are providing you with the qualification data, products in this process technology will not ship from Microchip's Fab's until after the final PCN has been issued. 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.

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:Catalog part numbers fabricated in Microchip Fabs will not ship until the final PCN has been issued. Microchip will issue Final PCNs as catalog part numbers (CPN) are released to production.

NOTE: This FAB transition will vary by catalog part number (CPN) and may take several months/years to complete the transition.

Summary Time Table of notable events to date:

	September 2015					--->	January 2016				February 2016			
WW	36	37	38	39	40		01	02	03	04	05	06	07	08
Initial PCN Issue Date	X													
Qual Report Available														X

Markings to Distinguish Revised from Unrevised Devices: Traceability code and MPC on shipping label.

Revision History:September 1, 2015: Issued initial notification as PCN number **CYER-31JLEX869**

February 25, 2016: Issued intermediate notification with a different PCN number. Attached the Qualification Report. Revised the estimated first ship date (EFSD) to inform that the EFSD will be revealed in the final PCN.

June 20, 2016: Updated the Qualification Report to add the note on the ESD ratings.**July 5, 2016:** Updated the qualification report to correct a typographical error to the ESD-CDM from +/- 1000V to +/-1500V.

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.

Attachments:

[PCN_JAON-24XLPK873_Qual Report.pdf](#)

[PCN_JAON-24XLPK873_Affected_CPN.pdf](#)

[PCN_JAON-24XLPK873_Affected_CPN.xls](#)

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

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