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Product Change Notification - JAON-24XLPK873

Date: 05 Jul 2016
Product Category: Analog (Thermal, Power Management & Safety); Analog (Linear & Mixed Signal) AND Interface; Supertex
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
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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.

- Attachment(s):**
- [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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JAON-24XLPK873 - CCB 1737.03 Intermediate Notice: Qualification of Microchip 8 inch Fabrication site for Micrel products manufactured with the BCC Process Technology.

Affected Catalog Part Numbers (CPN)

PCN_JAON-24XLPK873
CATALOG_PART_NBR
LM4040CYM3-2.5-TR
LM4040CYM3-4.1-TR
LM4040CYM3-5.0-TR
LM4040DYM3-2.5-TR
LM4040DYM3-4.1-TR
LM4040DYM3-5.0-TR
LM4041CYM3-1.2-TR
LM4041CYM3-ADJ-TR
LM4041DYM3-1.2-TR
LM4041DYM3-ADJ-TR
LM4041DYM3-A-TR
MIC2282YMM
MIC2282YMM-TR
MIC2570-1YM
MIC2570-1YM-TR
MIC2570-2YM
MIC2570-2YM-TR
MIC2571-1YMM
MIC2571-1YMM-TR
MIC2571-2YMM
MIC2571-2YMM-TR
MIC38C42-1YM
MIC38C42-1YM-TR
MIC38C42AYM
MIC38C42AYMM
MIC38C42AYMM-TR
MIC38C42AYM-TR
MIC38C42YM
MIC38C42YMM
MIC38C42YMM-TR
MIC38C42YM-TR
MIC38C42YN
MIC38C43-1YM
MIC38C43-1YM-TR
MIC38C43AYM
MIC38C43AYMM
MIC38C43AYMM-TR
MIC38C43AYM-TR
MIC38C43YM
MIC38C43YMM
MIC38C43YMM-TR
MIC38C43YM-TR
MIC38C43YN

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Affected Catalog Part Numbers (CPN)

PCN_JAON-24XLPK873
CATALOG_PART_NBR
MIC38C44-1YM
MIC38C44-1YM-TR
MIC38C44-1YN
MIC38C44AYM
MIC38C44AYMM
MIC38C44AYMM-TR
MIC38C44AYM-TR
MIC38C44YM
MIC38C44YMM
MIC38C44YMM-TR
MIC38C44YM-TR
MIC38C44YN
MIC38C45-1YM
MIC38C45-1YM-TR
MIC38C45AYM
MIC38C45AYMM
MIC38C45AYMM-TR
MIC38C45AYM-TR
MIC38C45YM
MIC38C45YMM
MIC38C45YMM-TR
MIC38C45YM-TR
MIC38C45YN
MIC4043YM4-TR
MIC4680-3.3YM
MIC4680-3.3YM-TR
MIC4680-5.0YM
MIC4680-5.0YM-TR
MIC4680YM
MIC4680YM-TR
MIC4681YM
MIC4681YM-TR
MIC4682YM
MIC4682YM-TR
MIC4684YM
MIC4684YM-TR
MIC4685WR
MIC4685WR-TR
MIC4690YM
MIC4690YM-TR
MIC5201YM
MIC5201YM-TR
MIC5203-2.6YM4-TR

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Affected Catalog Part Numbers (CPN)

PCN_JAON-24XLPK873
CATALOG_PART_NBR
MIC5203-2.6YM5-TR
MIC5203-2.8YM4-TR
MIC5203-2.8YM5-TR
MIC5203-3.0YM4-TR
MIC5203-3.0YM5-TR
MIC5203-3.3YM4-TR
MIC5203-3.3YM5-TR
MIC5203-3.3YM5-TX
MIC5203-3.6YM4-TR
MIC5203-3.6YM5-TR
MIC5203-3.8YM4-TR
MIC5203-3.8YM5-TR
MIC5203-4.0YM4-TR
MIC5203-4.0YM5-TR
MIC5203-4.5YM4-TR
MIC5203-4.5YM5-TR
MIC5203-4.7YM4-TR
MIC5203-4.7YM5-TR
MIC5203-5.0CYP
MIC5203-5.0YM4-TR
MIC5203-5.0YM5-TR
MIC5205-2.5YM5-TR
MIC5205-2.5YM5-TX
MIC5205-2.7YM5-TR
MIC5205-2.85YM5-TR
MIC5205-2.8YM5-TR
MIC5205-2.9YM5-TR
MIC5205-3.0YM5-TR
MIC5205-3.1YM5-TR
MIC5205-3.2YM5-TR
MIC5205-3.3YM5-TR
MIC5205-3.6YM5-TR
MIC5205-3.8YM5-TR
MIC5205-4.0YM5-TR
MIC5205-5.0YM5-TR
MIC5205YM5-TR
MIC5205YM5-TX
MIC5206-2.5YM5-TR
MIC5206-2.7YM5-TR
MIC5206-3.0YM5-TR
MIC5206-3.0YMM
MIC5206-3.0YMM-TR
MIC5206-3.2YM5-TR

Affected Catalog Part Numbers (CPN)

PCN_JAON-24XLPK873
CATALOG_PART_NBR
MIC5206-3.3YM5-TR
MIC5206-3.3YMM
MIC5206-3.3YMM-TR
MIC5206-3.6YM5-TR
MIC5206-3.6YMM
MIC5206-3.6YMM-TR
MIC5206-3.8YM5-TR
MIC5206-3.8YMM
MIC5206-3.8YMM-TR
MIC5206-4.0YM5-TR
MIC5206-4.0YMM
MIC5206-4.0YMM-TR
MIC5206-5.0YM5-TR
MIC5206-5.0YMM
MIC5206-5.0YMM-TR
MIC5206YMM
MIC5206YMM-TR
MIC5207-1.8YD5-TR
MIC5207-1.8YD5-TX
MIC5207-1.8YM5-TR
MIC5207-1.8YM5-TX
MIC5207-2.5YM5-TR
MIC5207-2.5YM5-TX
MIC5207-2.8YM5-TR
MIC5207-2.9YM5-TR
MIC5207-3.0YM5-TR
MIC5207-3.1YM5-TR
MIC5207-3.2YM5-TR
MIC5207-3.3YM5-TR
MIC5207-3.3YM5-TX
MIC5207-4.0YM5-TR
MIC5207-5.0YM5-TR
MIC5207-5.0YM5-TX
MIC5207YM5-TR
MIC5207YM5-TX
MIC5208-3.3YMM
MIC5208-3.3YMM-TR
MIC5208-3.8YMM
MIC5208-3.8YMM-TR
MIC5208-4.0YMM
MIC5208-4.0YMM-TR
MIC5209-1.8YM
MIC5209-1.8YM-TR

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Affected Catalog Part Numbers (CPN)

PCN_JAON-24XLPK873
CATALOG_PART_NBR
MIC5209-1.8YU
MIC5209-1.8YU-TR
MIC5209-2.5YM
MIC5209-2.5YM-TR
MIC5209-2.5YS
MIC5209-2.5YS-TR
MIC5209-2.5YU
MIC5209-2.5YU-TR
MIC5209-3.0YM
MIC5209-3.0YM-TR
MIC5209-3.0YS
MIC5209-3.0YS-TR
MIC5209-3.0YU
MIC5209-3.0YU-TR
MIC5209-3.3YM
MIC5209-3.3YM-TR
MIC5209-3.3YS
MIC5209-3.3YS-TR
MIC5209-3.3YU
MIC5209-3.3YU-TR
MIC5209-3.6YM
MIC5209-3.6YM-TR
MIC5209-3.6YS
MIC5209-3.6YS-TR
MIC5209-3.6YU
MIC5209-3.6YU-TR
MIC5209-4.2YS
MIC5209-4.2YS-TR
MIC5209-5.0YM
MIC5209-5.0YM-TR
MIC5209-5.0YS
MIC5209-5.0YS-TR
MIC5209-5.0YU
MIC5209-5.0YU-TR
MIC5209YM
MIC5209YML-T5
MIC5209YML-TR
MIC5209YM-TR
MIC5209YU
MIC5209YU-TR
MIC5210-2.8YMM
MIC5210-2.8YMM-TR
MIC5210-3.0YMM

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PCN_JAON-24XLPK873
CATALOG_PART_NBR
MIC5210-3.0YMM-TR
MIC5210-3.3YMM
MIC5210-3.3YMM-TR
MIC5210-5.0YMM
MIC5210-5.0YMM-TR
MIC5211-3.0YM6-TR
MIC5211-3.0YM6-TX
MIC5211-3.3YM6-TR
MIC5211-BCYM6-TR
MIC5211-BLYM6-TR
MIC5211-CLYM6-TR
MIC5211-LXYM6-TR
MIC5212-SJYM
MIC5212-SJYM-TR
MIC5213-2.5YC5-TR
MIC5213-2.6YC5-TR
MIC5213-2.7YC5-TR
MIC5213-2.8YC5-TR
MIC5213-3.0YC5-TR
MIC5213-3.3YC5-TR
MIC5213-3.6YC5-TR
MIC5213-5.0YC5-TR
MIC5216-2.5YM5-TR
MIC5216-3.2YM5-TR
MIC5216-3.2YMM
MIC5216-3.2YMM-TR
MIC5216-3.3YM5-TR
MIC5216-3.3YMM
MIC5216-3.3YMM-TR
MIC5216-3.6YM5-TR
MIC5216-3.8YM5-TR
MIC5216-4.0YM5-TR
MIC5216-5.0YM5-TR
MIC5216-5.0YMM
MIC5216-5.0YMM-TR
MIC5219-2.5YM5-TR
MIC5219-2.5YM5-TX
MIC5219-2.5YMM
MIC5219-2.5YMM-TR
MIC5219-2.6YM5-TR
MIC5219-2.7YM5-TR
MIC5219-2.85YM5-TR
MIC5219-2.85YMM

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Affected Catalog Part Numbers (CPN)

PCN_JAON-24XLPK873
CATALOG_PART_NBR
MIC5219-2.85YMM-TR
MIC5219-2.8YM5-TR
MIC5219-2.8YML-TR
MIC5219-2.9YM5-TR
MIC5219-3.0YM5-TR
MIC5219-3.0YML-TR
MIC5219-3.0YMM
MIC5219-3.0YMM-TR
MIC5219-3.1YM5-TR
MIC5219-3.3YM5-TR
MIC5219-3.3YM5-TX
MIC5219-3.3YML-TR
MIC5219-3.3YMM
MIC5219-3.3YMM-TR
MIC5219-3.6YM5-TR
MIC5219-3.6YML-TR
MIC5219-3.6YMM
MIC5219-3.6YMM-TR
MIC5219-5.0YM5-TR
MIC5219-5.0YMM
MIC5219-5.0YMM-TR
MIC5219-5.0YMT-TR
MIC5219YM5-TR
MIC5219YM5-TX
MIC5219YMM
MIC5219YMM-TR
MIC5219YMT-TR
MIC5225-1.5YM5-TR
MIC5225-1.8YM5-TR
MIC5225-2.5YM5-TR
MIC5225-2.7YM5-TR
MIC5225-3.0YM5-TR
MIC5225-3.3YM5-TR
MIC5225-5.0YM5-TR
MIC5225-5.0YM5-TX
MIC5225YM5-TR
MIC5233-1.8YM5-TR
MIC5233-2.5YM5-TR
MIC5233-3.0YM5-TR
MIC5233-3.3YM5-TR
MIC5233-3.3YS
MIC5233-3.3YS-TR
MIC5233-5.0YM5-TR

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Affected Catalog Part Numbers (CPN)

PCN_JAON-24XLPK873
CATALOG_PART_NBR
MIC5233YM5-TR
MIC5234YME
MIC5234YME-TR
MIC5235-1.5YM5-TR
MIC5235-1.5YM5-TX
MIC5235-1.8YM5-TR
MIC5235-2.5YM5-TR
MIC5235-2.5YM5-TX
MIC5235-2.7YM5-TR
MIC5235-2.8YM5-TR
MIC5235-3.0YM5-TR
MIC5235-3.3YM5-TR
MIC5235-3.3YM5-TX
MIC5235-5.0YM5-TR
MIC5235-5.0YM5-TX
MIC5235YM5-TR
MIC5235YM5-TX
MIC5236-2.5YM
MIC5236-2.5YMM
MIC5236-2.5YMM-TR
MIC5236-2.5YM-TR
MIC5236-3.0YM
MIC5236-3.0YMM
MIC5236-3.0YMM-TR
MIC5236-3.0YM-TR
MIC5236-3.3YM
MIC5236-3.3YMM
MIC5236-3.3YMM-TR
MIC5236-3.3YM-TR
MIC5236-5.0YM
MIC5236-5.0YMM
MIC5236-5.0YMM-TR
MIC5236-5.0YM-TR
MIC5236YM
MIC5236YMM
MIC5236YMM-TR
MIC5236YM-TR
MIC5237-2.5YU
MIC5237-2.5YU-TR
MIC5237-3.3YU
MIC5237-3.3YU-TR
MIC5237-5.0YT
MIC5237-5.0YU

Affected Catalog Part Numbers (CPN)

PCN_JAON-24XLPK873
CATALOG_PART_NBR
MIC5237-5.0YU-TR
MIC5238-1.0YD5-TR
MIC5238-1.0YM5-TR
MIC5238-1.0YM5-TX
MIC5238-1.1YD5-TR
MIC5238-1.1YM5-TR
MIC5238-1.1YM5-TX
MIC5238-1.2YD5-TR
MIC5238-1.3YD5-TR
MIC5238-1.3YM5-TR
MIC5238-1.3YM5-TX
MIC5239-1.5YM
MIC5239-1.5YMM
MIC5239-1.5YMM-TR
MIC5239-1.5YM-TR
MIC5239-1.5YS
MIC5239-1.5YS-TR
MIC5239-1.8YM
MIC5239-1.8YMM
MIC5239-1.8YMM-TR
MIC5239-1.8YM-TR
MIC5239-1.8YS
MIC5239-1.8YS-TR
MIC5239-2.5YM
MIC5239-2.5YMM
MIC5239-2.5YMM-TR
MIC5239-2.5YM-TR
MIC5239-2.5YS
MIC5239-2.5YS-TR
MIC5239-3.0YMM
MIC5239-3.0YMM-TR
MIC5239-3.0YS
MIC5239-3.0YS-TR
MIC5239-3.3YM
MIC5239-3.3YMM
MIC5239-3.3YMM-TR
MIC5239-3.3YM-TR
MIC5239-3.3YS
MIC5239-3.3YS-TR
MIC5239-5.0YM
MIC5239-5.0YMM
MIC5239-5.0YMM-TR
MIC5239-5.0YM-TR

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Affected Catalog Part Numbers (CPN)

PCN_JAON-24XLPK873
CATALOG_PART_NBR
MIC5239-5.0YS
MIC5239-5.0YS-TR
MIC5239YM
MIC5239YMM
MIC5239YMM-TR
MIC5239YM-TR
MIC5270-3.0YM5-TR
MIC5270-4.1YM5-TR
MIC5270-5.0YM5-TR
MIC5270YM5-TR
MIC5271-3.0YM5-TR
MIC5271-5.0YM5-TR
MIC5271YM5-TR
MIC5295-3.0YD
MIC5295-3.0YD-TR
MIC5295-3.3YD
MIC5295-3.3YD-TR
MIC5295-5.0YD
MIC5295-5.0YD-TR
MIC5295YD
MIC5295YD-TR
MIC6211YM5-TR
MIC6270YM5-TR
MIC79050-4.2YM
MIC79050-4.2YMM
MIC79050-4.2YMM-TR
MIC79050-4.2YM-TR
MIC79050-4.2YS
MIC79050-4.2YS-TR
MM5450CYP
MM5450YN
MM5450YV
MM5450YV-TR
MM5451YN
MM5451YV
MM5451YV-TR
SPN020127Y-TR
SPN020140G-TR
SPN020155G-TR
SPN020156G-TR
SPN020161G-TR
SPN020170G-TR
SPN020180Y-TR

JAON-24XLPK873 - CCB 1737.03 Intermediate Notice: Qualification of Microchip 8 inch Fabrication site for Micrel products manufactured with the BCC Process Technology.

Affected Catalog Part Numbers (CPN)

PCN_JAON-24XLPK873
CATALOG_PART_NBR
SPN020203-TR
SPN020205-TR
SPN030027Y
SPN030027Y-TR