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Product Change Notification - JAON-01RSNA976 (Printer Friendly)

Date:

09 Mar 2017

Notification subject:

CCB 2736 Intermediate Notice: Qualification of Fabrication site (FAB 5) for Micrel products manufactured with the S1 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 Fabrication site (FAB 5) for Micrel products manufactured with the S1 process technology. This PCN is to inform you that qualification of the S1 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 Fabrication site (FAB 5) until after the final PCN has been issued.

Please review the FAQ attached on this notification for additional information regarding this change.

Pre Change:

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

Post Change:

Fabricated at Atmel Fabrication site FAB 5 (Colorado Springs, CO, USA) (COS) using 6 inch wafers.

Pre and Post Change Summary:

| | Pre Change | Post Change |
|-----------------------------|---|---|
| Fabrication Location | Micrel Fabrication Site (San Jose, CA, USA) | Atmel Fabrication site FAB 5 (Colorado Springs, CO USA) |
| Wafer Diameter | 6 inches (150 mm) | 6 inches (150 mm) |
| Quality certification | ISO9001 | ISO9001/TS16949 |
| Data sheet / specifications | No Change | No Change |

| | | |
|--------------------|-----------|-----------|
| Design/layout | No Change | No Change |
| Die Size | No change | No change |
| Final test program | No change | No change |
| Package Type/MSL | No Change | No Change |

Impacts to Data Sheet:

No impact anticipated.

Change Impact:

None

Reason for Change:

To improve productivity with the closure of the Micrel fab (Sj) as part of the integration of Micrel and Microchip.

Change Implementation Status:

In Progress

Estimated First Ship Date:

Catalog part numbers fabricated at FAB 5 will not ship until after 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 that may result in several final PCNs.

Summary Time Table of notable events to date:

| | October 2016 | | | | - | March 2017 | | | | | April 2017 onwards |
|---|--------------|----|----|----|---|------------|----|----|----|----|---|
| | 40 | 41 | 42 | 43 | | > | 09 | 10 | 11 | 12 | |
| Workweek | | | | | | | | | | | |
| Initial PCN Issue Date | | X | | | | | | | | | |
| Qualification Report Availability and Intermediate PCN issue date | | | | | | | X | | | | |
| Final PCN Issue Date | | | | | | | | | | | Will be issued as catalog part numbers (CPNs) are |

