



Product Change Notification - GBNG-10GPNP631

Date:

02 Apr 2019

Product Category:

32-bit Microcontrollers

Affected CPNs:**Notification subject:**

CCB 3265 Final Notice: Qualification of UMC Fab 8N (U08N) as an additional fabrication site for selected Atmel products manufactured with the 66.11K process technology available in 64L TQFP package

Notification text:**PCN Status:**

Final notification.

PCN Type:

Manufacturing Change

Microchip Parts Affected:

Please open one of the icons found in the Affected CPNs section above.

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

Description of Change:

Qualification of UMC Fab 8N (U08N) as an additional fabrication site for selected Atmel products manufactured with the 66.11K process technology available in 64L TQFP package

Pre Change:

Fabricated at United Microelectronics Corporation - UMC Fab 8D (U08D) or Fab 8S (U08S) site.

Post Change:

Fabricated at United Microelectronics Corporation - UMC Fab 8D (U08D), Fab 8S (U08S) or Fab 8N (U08N) site.

Pre and Post Change Summary:

| | Pre Change | | Post Change | | |
|-----------------------------------|---|---|---|---|---|
| Fabrication Supplier and Location | United Microelectronics Corporation - Fab 8D Hsin-Chu Taiwan (U08D) | United Microelectronics Corporation - Fab 8S Hsin-Chu Taiwan (U08S) | United Microelectronics Corporation - Fab 8D Hsin-Chu Taiwan (U08D) | United Microelectronics Corporation - Fab 8S Hsin-Chu Taiwan (U08S) | United Microelectronics Corporation - Fab 8N China (U08N) |
| Technology | ISO/TS16949 | ISO/TS16949 | ISO/TS16949 | ISO/TS16949 | ISO/TS16949 |
| Die Size | No change | No change | No change | No change | No change |
| Wafer Diameter | 8 inches | 8 inches | 8 inches | 8 inches | 8 inches |

Impacts to Data Sheet:

None

Change Impact:

None



Reason for Change:

To improve manufacturability and on-time delivery performance by qualifying UMC Fab 8N (U08N) as an additional fabrication site.

Change Implementation Status:

In Progress

Estimated First Ship Date:

May 2, 2019 (date code: 1918)

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

Time Table Summary:

| Workweek | April 2018 | | | | | 📅 📄 🔍 📧 | April 2019 | | | | May 2019 | | | | |
|-------------------------------|------------|----|----|----|----|------------------|------------|----|----|----|----------|----|----|----|----|
| | 14 | 15 | 16 | 17 | 18 | | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Initial PCN Issue Date | | | | X | | | | | | | | | | | |
| Qual Report Availability | | | | | | | X | | | | | | | | |
| Final PCN Issue Date | | | | | | | X | | | | | | | | |
| Estimated Implementation 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:

April 16, 2018: Issued initial notification.

April 02, 2019: Issued final notification. Update the subject to specify that change is for 64L TQFP package. Attached the Qualification Report. Revised the affected parts list due to scope is specific only to mask 661A7. Provided estimated first ship date on May 02, 2019.

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

Attachment(s):

[PCN_GBNG-10GPNP631_Qual_Report.pdf](#)

Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.

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Affected Catalog Part Numbers (CPN)

ATSAMD21J16B-AF
ATSAMD21J15B-AF
ATSAMD21J16B-AU
ATSAMD21J15B-AU
ATSAMDA1J16B-ABT
ATSAMDA1J15B-ABT
ATSAMDA1J14B-ABT
ATSAMD21J16B-AUT
ATSAMD21J15B-AUT
ATSAMD21J16B-AFT
ATSAMD21J15B-AFT