



Product Change Notification - GBNG-10GPNP631

Date:

16 Apr 2018

Product Category:

32-bit PIC Microcontrollers; Touchscreen Controllers

Affected CPNs:**Notification subject:**

CCB 3265 Initial Notice: Qualification of UMC Fab 8N (U08N) as an additional fabrication site for selected Atmel products manufactured with the 66.11K process technology.

Notification text:**PCN Status:**

Initial 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.

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 ZuZhou 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 Qualification Completion Date:

July 2018

Note: Please be advised the qualification completion times may be extended because of unforeseen business conditions however implementation will not occur until after qualification has completed and a final PCN has been issued. The final PCN will include the qualification report and estimated first ship date. Also note that after the estimated first ship date guided in the final PCN customers may receive pre and post change parts.

Time Table Summary:

| 2018 | April 2018 | | | | | -> | July 2018 |
|--------------------------------|------------|----|----|----|----|----|-----------|
| | 14 | 15 | 16 | 17 | 18 | | |
| Initial PCN Issue Date | | | X | | | | |
| Qualification Report Available | | | | | | | X |
| Final PCN Issue Date | | | | | | | X |

Method to Identify Change:

Traceability code

Qualification Plan:

Please open the attachments included with this PCN labeled as PCN_#_Qual Plan.

Revision History:

April 16, 2018: Issued initial notification.

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_Plan.pdf](#)

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

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Affected Catalog Part Numbers (CPN)

ATSAMC21E15A-MNT
ATSAMC21E15A-MUT
ATSAMC21E15A-MUTDY
ATSAMC21E16A-ANT
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