



Product Change Notification / DSNO-07KEXD590

Date:

27-May-2024

Product Category:

Crypto Authentication, Random Number Generator

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6512.001 Initial Notice: Qualification of Microchip Technology Gresham – Fab 4 (GRTM) as an additional fabrication site for selected ECC204, ECC206, RNG90, SHA104, SHA105 and SHA106 device families available in 2L VSFN (2x2.35x0.85mm), 3L CONTACT (2.5x6.5x0.5mm) and 8L UDFN (2x3x0.6mm) packages.

Affected CPNs:

[DSNO-07KEXD590_Affected_CPN_05272024.pdf](#)

[DSNO-07KEXD590_Affected_CPN_05272024.csv](#)

Notification Text:

PCN Status:Initial Notification

PCN Type:Manufacturing Change

Microchip Parts Affected:Please open one of the files found in the Affected CPNs section.

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

Description of Change:Qualification of Microchip Technology Gresham – Fab 4 (GRTM) as an additional fabrication site for selected ECC204, ECC206, RNG90, SHA104, SHA105 and SHA106 device families available in 2L VSFN (2x2.35x0.85mm), 3L CONTACT (2.5x6.5x0.5mm) and 8L UDFN (2x3x0.6mm) packages.

Pre and Post Change Summary:

| | Pre Change | Post Change | |
|------------------|---|---|---|
| Fabrication Site | United Microelectronics Corporation (Fab 8S) (U08S) | United Microelectronics Corporation (Fab 8S) (U08S) | Microchip Technology Gresham – Fab 4 (GRTM) |

Impacts to Data Sheet:None

Change ImpactNone

Reason for Change:To improve on-time delivery performance by qualifying Microchip Technology Gresham – Fab 4 (GRTM) as an additional fabrication site.

Change Implementation Status:In Progress

Estimated Qualification Completion Date:August 2024

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:

| | May 2024 | | | | | > | August 2024 | | | | |
|--------------------------|----------|--------|--------|--------|--------|---|-------------|----|----|----|----|
| Workweek | 1 8 | 1 9 | 2 0 | 2 1 | 2 2 | | 31 | 32 | 33 | 34 | 35 |
| Initial PCN Issue Date | | | | | x | | | | | | |
| Qual Report Availability | | | | | | | | | | | 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:May 27, 2024: 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.

Attachments:

[PCN_DSNO-07KEXD590_Qualification_Plan.pdf](#)

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

Terms and Conditions:

If you wish to receive Microchip PCNs via email please register for our PCN email service at our [PCN home page](#) select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the [PCN FAQ](#) section.

If you wish to change your PCN profile, including opt out, please go to the [PCN home page](#) select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

Affected Catalog Part Numbers (CPN)

SHA104-SSVCZ-T
SHA104-SSVDA-T
SHA105-SSVDA-T
RNG90-SSVDA-T
ECC204-SSVCZ-T
ECC204-SSVDA-T
SHA106-MCVCZ-B
ECC206-MCVCZ-B
ECC204-SSVMD-B
ECC204-MAVMD-B
SHA104-RBVCZ-B
ECC204-RBVCZ-B
SHA104-RBVCZ-T
ECC204-RBVCZ-T
SHA104-MAVCZ-T
SHA104-MAVDA-T
SHA105-MAVDA-T
RNG90-MAVDA-T
ECC204-MAVCZ-T
ECC204-MAVDA-T
SHA104-MAVMD-BCZ
ECC204-MAVMD-BCZ
SHA105-MAVMD-B
SHA104-MAVMD-B
SHA104-SSVMD-BCZ
SHA105-SSVMD-B
SHA104-SSVMD-B
ECC204-MAV7W-T