



Product Change Notification / NTDO-09QFUZ376

Date:

14-Aug-2023

Product Category:

Crypto Authentication

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6402 Final Notice: Qualification of a new lead frame design for selected ATECC608B, ATSHA204A, ATECC508A, ATECC608A and ATECC108A device families available in 8L SOIC (3.90mm) package assembled at MTAI assembly site.

Affected CPNs:

[NTDO-09QFUZ376_Affected_CPN_08142023.pdf](#)

[NTDO-09QFUZ376_Affected_CPN_08142023.csv](#)

Notification Text:

PCN Status:Final 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 a new lead frame design for selected ATECC608B, ATSHA204A, ATECC508A, ATECC608A and ATECC108A device families available in 8L SOIC (3.90mm) package assembled at MTAI assembly site.

Pre and Post Change Summary:

| | Pre Change | Post Change | |
|------------------------------|---|---|--------|
| Assembly Site | Microchip Technology Thailand (HQ) (MTAI) | Microchip Technology Thailand (HQ) (MTAI) | |
| Wire Material | CuPdAu | CuPdAu | CuPdAu |
| Die Attach Material | QMI519 | QMI519 | QMI519 |
| Molding Compound Material | G600V | G600V | G600V |
| Lead frame Material | CDA194 | CDA194 | CDA194 |
| Lead Frame Lead Lock | No | No | Yes |

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve productivity by qualifying new lead frame design.

Change Implementation Status:In Progress

Estimated First Ship Date:September 29, 2023 (date code: 2339)

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

Time Table Summary:

| | August 2023 | | | | | September 2023 | | | |
|-------------------------------|-------------|--------|--------|--------|--------|----------------|--------|--------|--------|
| Workweek | 3 1 | 3 2 | 3 3 | 3 4 | 3 5 | 3 6 | 3 7 | 3 8 | 3 9 |
| Final PCN Issue Date | | | x | | | | | | |
| Qual Report Availability | | | 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: August 14, 2023: Issued final 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_NTDO-09QFUZ376_ Qual Report.pdf](#)

[PCN_NTDO-09QFUZ376_Pre and Post_Change_Summary.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.