



Product Change Notification / ASER-14IXRW319

Date:

18-Jun-2021

Product Category:

8-bit Microcontrollers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 3430.007 Final Notice: Qualification of MTAI as an additional assembly site for selected PIC16xxx and PIC18xxx device families available in 28L QFN (6x6x0.9mm) package.

Affected CPNs:

[ASER-14IXRW319_Affected_CPN_06182021.pdf](#)

[ASER-14IXRW319_Affected_CPN_06182021.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 MTAI as an additional assembly site for selected PIC16xxx and PIC18xxx device families available in 28L QFN (6x6x0.9mm) package.

Pre and Post Change Summary:

| | Pre Change | Post Change | |
|---------------------|---|---|---|
| Assembly Site | UTAC Thai Limited (UTL-1) LTD. (NSEB) | UTAC Thai Limited (UTL-1) LTD. (NSEB) | Microchip Technology Thailand (HQ) (MTAI) |
| Wire material | Au | Au | Au |
| Die attach material | 8600 | 8600 | 3280 |

| | | | |
|----------------------------------|---|-----------|---------|
| Molding compound material | G700LTD | G700LTD | G700LTD |
| Lead frame material | EFTEC-64T | EFTEC-64T | *A194 |
| Lead Frame Lead-lock | No | No | Yes |
| | See Pre and Post Change Summary for comparison. | | |

*C194, A194 or CDA194 Lead frame materials are the same. The differences are simply MCHP internal labeling conventions.

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve manufacturability by qualifying MTAI as an additional assembly site

Change Implementation Status:In Progress

Estimated First Ship Date:

July 10, 2021 (date code: 2128)

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

Time Table Summary:

| | June 2021 | | | | | July 2021 | | | |
|-------------------------------|-----------|--------|--------|--------|--------|-----------|----|----|----|
| Workweek | 2 3 | 2 4 | 2 5 | 2 6 | 2 7 | 28 | 29 | 30 | 31 |
| 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:

June 18, 2021: 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_ASER-14IXRW319 Qual Report.pdf](#)

[PCN_ASER-14IXRW319_Pre and Post Change Summary.pdf](#)

Please contact your local **Microchip sales office** with questions or concerns regarding this notification.

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