



Product Change Notification / ASER-05VRGQ325

Date:

22-Feb-2021

Product Category:

Ultrasound T/R Switch ICs

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4173 Final Notice: Qualification of NSEB as a new assembly site for selected MD010xxx device families available in 18L VDFN (5x5x1.0mm) package.

Affected CPNs:

[ASER-05VRGQ325_Affected_CPN_02222021.pdf](#)
[ASER-05VRGQ325_Affected_CPN_02222021.csv](#)

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 NSEB as a new assembly site for selected MD010xxx device families available in 18L VDFN (5x5x1.0mm) package.

Pre Change:Assembled at CARC using EME-G770HCD molding compound.

Post Change:Assembled at NSEB using G700LTD molding compound.

Pre and Post Change Summary:

| | Pre Change | Post Change |
|---------------------------|---------------------------|---------------------------------|
| Assembly Site | Carsem (Suzhou) (CARC) | UTAC Thai Limited NSEB (UTL) |
| Wire material | Au | Au |
| Die attach material | 8006NS | 8006NS |
| Molding compound material | EME-G770HCD | G700LTD |
| Lead frame material | C194 | C194 |

Impacts to Data Sheet:None

Change Impact:

None

Reason for Change:

To improve manufacturability by qualifying NSEB as a new assembly site

Change Implementation Status:

In Progress

Estimated First Ship Date:March 10, 2021 (date code: 2111)

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

Time Table Summary:

| | March 2020 | | | | | --> | February 2021 | | | | March 2021 | | | | |
|-------------------------------|------------|----|----|----|----|-----|---------------|----|----|----|------------|----|----|----|----|
| Workweek | 10 | 11 | 12 | 13 | 14 | | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 |
| 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:

March 18, 2020: Issued initial notification.

February 22, 2021: Issued final notification. Attached the Qualification Report. Updated the typo in the revision history initial PCN issuance date from March 18, 2019 to March 18, 2020. Provided estimated first ship date to be on March 10, 2021.

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-05VRGQ325_Qual Report.pdf](#)

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

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