



Product Change Notification / CENO-03BMPH839

Date:

05-Apr-2023

Product Category:

Wireless Modules

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6237 Final Notice: Qualification of MMT as an additional assembly site for AT86RF233-ZF, AT86RF233-ZU, AT86RF233-ZUR and AT86RF233-ZFR catalog part numbers (CPN) available in 32L VQFN (5x5x0.9mm) package.

Affected CPNs:

[CENO-03BMPH839_Affected_CPN_04052023.pdf](#)

[CENO-03BMPH839_Affected_CPN_04052023.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 MMT as an additional assembly site for AT86RF233-ZF, AT86RF233-ZU, AT86RF233-ZUR and AT86RF233-ZFR catalog part numbers (CPN) available in 32L VQFN (5x5x0.9mm) package.

Pre and Post Change Summary:

| | Pre Change | Post Change | |
|---------------------------|--|--|---|
| Assembly Site | Amkor Technology Philippines (P3/P4), INC. (ATP7) | Amkor Technology Philippines (P3/P4), INC. (ATP7) | Microchip Technology Thailand (Branch) (MMT) |
| Wire Material | PdCu | PdCu | Au |
| Die Attach Material | AMK-06 | AMK-06 | 3280 |
| Molding Compound Material | G700Y | G700Y | G700LTD |
| Lead-Frame Material | C194 | C194 | C194 |
| Lead-Frame Paddle Size | 150x150 | 150x150 | 150x150 |
| Lead-Lock | No | No | Yes |
| | See Pre and Post Change Summary for Comparison | | |
| DAP Surface Prep | Bare Cu | Bare Cu | Bare Cu |

Impacts to Data Sheet:None

Change Impact:None

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

Change Implementation Status:In Progress

Estimated First Ship Date:April 28, 2023 (date code: 2317)

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

Time Table Summary:

| | April 2023 | | | | |
|--------------------------|------------|--------|--------|--------|--------|
| Workweek | 1 4 | 1 5 | 1 6 | 1 7 | 1 8 |
| Qual Report Availability | x | | | | |
| Final PCN Issue Date | x | | | | |
| Estimated Implementation | | | | x | |

| | | | | | | |
|------|--|--|--|--|--|--|
| Date | | | | | | |
|------|--|--|--|--|--|--|

Method to Identify Change:Traceability code

Qualification Report:Please open the attachments included with this PCN labeled as PCN_#_Qual_Report.

Revision History:April 5, 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_CENO-03BMPH839_Qual Report.pdf](#)

[PCN_CENO-03BMPH839_Pre and Post Change Summary.pdf](#)

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

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Affected Catalog Part Numbers (CPN)

AT86RF233-ZF
AT86RF233-ZU
AT86RF233-ZUR
AT86RF233-ZFR