



Product Change Notification / RMES-22SGKM093

Date:

29-Apr-2021

Product Category:

8-bit Microcontrollers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4440.001 Final Notice: Qualification of MMT as an additional assembly site for selected PIC10F32x, PIC10LF322, PIC10LF320, PIC12F1501 and PIC12LF1501 device families available in 8L DFN (2x3x0.9mm) package.

Affected CPNs:

[RMES-22SGKM093_Affected_CPN_04292021.pdf](#)

[RMES-22SGKM093_Affected_CPN_04292021.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 selected PIC10F32x, PIC10LF322, PIC10LF320, PIC12F1501 and PIC12LF1501 device families available in 8L DFN (2x3x0.9mm) package.

Pre and Post Change Summary:

| | Pre Change | Post Change | |
|---------------|-------------------------------|------------------------|----------------------|
| Assembly Site | UTAC Thai Limited LTD. (NSEB) | UTAC Thai Limited LTD. | Microchip Technology |

| | | | (NSEB) | | Thailand (Branch) / MMT |
|------------------------------------|--|--------|-------------------|--------|-------------------------|
| Wire material | Au | CuPdAu | Au | CuPdAu | CuPdAu |
| Die attach material | 8600 | | 8600 | | 3280 |
| Molding compound material | G770HDC / G700LTD | | G770HDC / G700LTD | | G700LTD |
| Lead frame material | EFTEC-64T | C194 | EFTEC-64T | C194 | C194 |
| Lead Frame DAP Surface Prep | Bare Cu | | Bare Cu | | Bare Cu |
| Paddle size | 75 x 67 mils | | 75 x 67 mils | | 75 x 67 mils |
| Lead frame lead-lock | No | | No | | Yes |
| | See Pre and Post Change attachment for lead frame comparison | | | | |

Impacts to Data Sheet: None

Change Impact:None

Reason for Change: To improve on-time delivery performance by qualifying MMT as an additional assembly site.

Change Implementation Status: In Progress

Estimated First Ship Date:
May 10, 2021 (date code: 2120)

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

Time Table Summary:

| Workweek | April 2021 | | | | | May 2021 | | | | |
|---------------------------|------------|----|----|----|----|----------|----|----|----|----|
| | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| Final PCN Issue Date | | | | | X | | | | | |
| Qual Report Availability | | | | | X | | | | | |
| Estimated First Ship 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:**November 20, 2020:** Issued initial notification under PCN # **KSRA-13AKNI696**. **April 29, 2021:** Issued final notification. Attached is the qualification report and added estimated first date by May 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_RMES-22SGKM093_Pre and Post Change_Summary.pdf](#)
[PCN_RMES-22SGKM093_Qual Report.pdf](#)

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

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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)

PIC10F322-E/MC
PIC10F322-I/MC
PIC10F322T-I/MC
PIC10F320-E/MC
PIC10F320-I/MC
PIC10F320T-I/MC
PIC10LF322-E/MC
PIC10LF322-I/MC
PIC10LF322T-I/MC
PIC10LF320-E/MC
PIC10LF320-I/MC
PIC10LF320T-I/MC
PIC12F1501-E/MC
PIC12F1501-I/MC
PIC12F1501T-I/MC
PIC12LF1501-E/MC
PIC12LF1501-I/MC020
PIC12LF1501-I/MC
PIC12LF1501T-I/MC020
PIC12LF1501T-I/MC021
PIC12LF1501T-I/MC
PIC12LF1501T-E/MC