



Product Change Notification / CENO-13WQJN777

Date:

16-Feb-2023

Product Category:

Clock and Timing - Clock and Data Distribution

PCN Type:

Manufacturing Change

Notification Subject:

CCB 5163 Final Notice: Qualification of MMT as an additional assembly site for selected SY100EPTxxxxx, SY100ELTxxxxx, SY100EL3xxxx and SY100EL1xxxx device families available in 8L SOIC (3.90mm) package.

Affected CPNs:

[CENO-13WQJN777_Affected_CPN_02162023.pdf](#)

[CENO-13WQJN777_Affected_CPN_02162023.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 SY100EPTxxxxx, SY100ELTxxxxx, SY100EL3xxxx and SY100EL1xxxx device families available in 8L SOIC (3.90mm) package.

Pre and Post Change Summary:

| | Pre Change | | Post Change | | |
|---------------------------------|--|---|--|---|--|
| Assembly Site | Stars Microelectronics (Thailand) Public Company Limited (STAR) | Unisem (M) Berhad Perak, Malaysia (UNIS) | Stars Microelectronics (Thailand) Public Company Limited (STAR) | Unisem (M) Berhad Perak, Malaysia (UNIS) | Microchip Technology Thailand (Branch) – (MMT) |
| Wire Material | Au | Au | Au | Au | Au |
| Die Attach Material | 2200D | 8290 | 2200D | 8290 | 8390A |
| Molding Compound Material | G600 | G600KA | G600 | G600KA | G600V |
| Lead-Frame Material | CDA194 | CDA194 | CDA194 | CDA194 | CDA194 |
| Lead-Frame Paddle Size | 95x130 mils | 80x80 mils | 95x130 mils | 80x80 mils | 90x90 mils |
| DAP Surface Prep | NiPdAu | NiPdAu | NiPdAu | NiPdAu | Ag Spot |
| | See attached Pre and Post Change comparison | | | | |

Impacts to Data Sheet:None

Change Impact:None

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

Change Implementation Status:In Progress

Estimated First Ship Date:March 15, 2023 (date code: 2311)

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

Time Table Summary:

| | June 2022 | | | | | | February 2023 | | | | March 2023 | | | | |
|---------------------------|-----------|---|---|---|---|---|---------------|---|---|---|------------|---|---|---|---|
| Workweek | 2 | 2 | 2 | 2 | 2 | > | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| | 3 | 4 | 5 | 6 | 7 | | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 |
| Initial PCN Issue Date | | | x | | | | | | | | | | | | |
| Qual Report | | | | | | | | x | | | | | | | |

| | | | | | | | | | | | | | | | |
|-------------------------------|--|--|--|--|--|--|--|---|--|--|--|---|--|--|--|
| Availability | | | | | | | | | | | | | | | |
| 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 16, 2022: Issued Initial notification.

February 16, 2023: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on March 15, 2023.

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-13WQJN777 Pre and Post_Change_Summary.pdf](#)
- [PCN_CENO-13WQJN777_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)

SY100EPT28LZG
SY100EPT21LZG
SY100ELT21LZG
SY100EPT20VZG
SY100EPT22VZG
SY100EL33LZG
SY100EPT23LZG
SY100ELT23LZG
SY100EL11VZG
SY100EL32VZG
SY100ELT22ZG
SY100EL16VZG
SY100ELT22LZG
SY100ELT23ZG
SY100EPT28LZG-TR
SY100EPT21LZG-TR
SY100ELT21LZG-TR
SY100EPT20VZG-TR
SY100EPT22VZG-TR
SY100EL33LZG-TR
SY100EPT23LZG-TR
SY100ELT23LZG-TR
SY100EL11VZG-TR
SY100EL32VZG-TR
SY100ELT22ZG-TR
SY100EL16VZG-TR
SY100ELT22LZG-TR
SY100ELT23ZG-TR