



Product Change Notification / CAAN-13UUGL810

Date:

15-Dec-2023

Product Category:

Ethernet PHYs

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6729 Initial Notice: Qualification of ASEM as an additional assembly site for selected KSZ8001 and KSZ8721 device families available in 48L LQFP (7x7x1.4mm) package.

Affected CPNs:

[CAAN-13UUGL810_Affected_CPN_12152023.pdf](#)
[CAAN-13UUGL810_Affected_CPN_12152023.csv](#)

Notification Text:

PCN Status:Initial 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 ASEM as an additional assembly site for selected KSZ8001 and KSZ8721 device families available in 48L LQFP (7x7x1.4mm) package.

Pre and Post Change Summary:

| | Pre Change | Post Change |
|--|------------|-------------|
|--|------------|-------------|

| Assembly Site | | Orient Semiconductor Electronics, Ltd (OSE) | Orient Semiconductor Electronics, Ltd (OSE) | ASE Group -Malaysia (ASEM) |
|---------------------------|---|---|---|----------------------------|
| Wire Material | | Au | Au | Au |
| Die Attach Material | 1 | 8340 | 8340 | 3230 |
| | 2 | QMI-550 | QMI-550 | HR-5104T-25 |
| Molding Compound Material | | CEL9200HF | CEL9200HF | CEL 9240HF10AK-G1 |
| Lead-Frame Material | | C7025 | C7025 | C7025 |
| Lead-Frame Paddle Size | | 160x160 mil | 160x160 mil | 150X150 mil |
| DAP Surface Prep | | Double Ring Plating | Double Ring Plating | Ring plating |
| Lead-frame Design | | See Pre and Post Change attachment for lead frame comparison. | | |

Impacts to Data Sheet:None

Change ImpactNone

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

Change Implementation Status:In Progress

Estimated Qualification Completion Date:May 2024

Note: Please be advised the qualification completion times may be extended because of unforeseen business conditions however implementation will not occur until after qualification has completed and a final PCN has been issued. The final PCN will include the qualification report and estimated first ship date. Also note that after the estimated first ship date guided in the final PCN customers may receive pre and post change parts.

Time Table Summary:

| | December 2023 | | | | | > | May 2024 | | | | |
|------------------------|---------------|--------|--------|--------|--------|---|----------|--------|--------|--------|--------|
| Workweek | 4 9 | 5 0 | 5 1 | 5 2 | 5 3 | | 1 8 | 1 9 | 2 0 | 2 1 | 2 2 |
| Initial PCN Issue Date | | x | | | | | | | | | |
| Qual Report | | | | | | | x | | | | |

| | | | | | | | | | | | |
|----------------------|--|--|--|--|--|--|---|--|--|--|--|
| Availability | | | | | | | | | | | |
| Final PCN Issue Date | | | | | | | x | | | | |

Method to Identify Change:Traceability code

Qualification Plan:Please open the attachments included with this PCN labeled as PCN_#_Qual_Plan.

Revision History:December 15, 2023: Issued initial 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_CAAN-13UUGL810_Qualification Plan.pdf](#)

[PCN_CAAN-13UUGL810_Pre and Post Change Summary.pdf](#)

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

Terms and Conditions:

If you wish to receive Microchip PCNs via email please register for our PCN email service at our [PCN home page](#) select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the [PCN FAQ](#) section.

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)

KSZ8001L
KSZ8001LI
KSZ8001L-TR
KSZ8001LI-TR
KSZ8721BL
KSZ8721BLI
KSZ8721BL-TR
KSZ8721BLI-TR
KSZ8721CL
KSZ8721CL-TR