



## Product Change Notification / ASER-29WFJP505

### Date:

05-May-2021

### Product Category:

Interface- LIN Transceiver

### PCN Type:

Manufacturing Change

### Notification Subject:

CCB 4640 Initial Notice: Qualification of MTAI as an additional assembly site for selected ATA66xx device family available in 8L SOIC (3.90mm) package.

### Affected CPNs:

[ASER-29WFJP505\\_Affected\\_CPN\\_05052021.pdf](#)

[ASER-29WFJP505\\_Affected\\_CPN\\_05052021.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 MTAI as an additional assembly site for selected ATA66xx device family available in 8L SOIC (3.90mm) package.

### Pre and Post Change Summary:

|               | Pre Change   | Post Change  |   |
|---------------|--|--|---|
| Assembly Site | Amkor Technology<br>Philippine (P1/P2), INC.<br>(ANAP) | Amkor Technology<br>Philippine (P1/P2), INC.<br>(ANAP) | Microchip Technology<br>Thailand (HQ)<br>MTAI |
| Wire Material | CuPdAu   | CuPdAu   | CuPdAu  |

|                                  |  |                  |                      |
|----------------------------------|--|------------------|----------------------|
| <b>Die Attach Material</b>       | 8290   | 8290             | 8390A                |
| <b>Molding Compound Material</b> | G700LS   | G700LS           | G600V                |
| <b>Lead Frame Material</b>       | A194   | A194             | A194                 |
|                                  | See Pre and Post Change Summary for comparison |                  |                      |
| <b>Lead Frame Paddle Size</b>    | 88x105 (fused 3)                               | 88x105 (fused 3) | 95x130 (fused 3)     |
|                                  | 70x86 (fused 5)                                | 70x86 (fused 5)  | 90x90 (fused 5)      |
| <b>DAP Surface Prep</b>          | NiPdAu   | NiPdAu           | Selective Ag plating |
| <b>Lead Lock</b>                 | No   | No               | Yes                  |
| <b>Lead Plating</b>              | NiPdAu   | NiPdAu           | Sn                   |

**Impacts to Data Sheet:**None

**Change Impact:**None

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

**Change Implementation Status:**

In Progress

**Estimated Qualification Completion Date:**August 2021

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:**

|                          | May 2021 |   |   |   |   | --> | August 2021 |   |   |   |   |
|--------------------------|----------|---|---|---|---|-----|-------------|---|---|---|---|
|                          | 1        | 2 | 2 | 2 | 2 |     | 3           | 3 | 3 | 3 | 3 |
| Workweek                 | 9        | 0 | 1 | 2 | 3 |     | 2           | 3 | 4 | 5 | 6 |
| Initial PCN Issue Date   | X        |   |   |   |   |     |             |   |   |   |   |
| Qual Report Availability |          |   |   |   |   |     |             |   |   |   | X |
| 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:**

**May 5, 2021:** 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\\_ASER-29WFJP505\\_Pre and Post Change Summary.pdf](#)  
[PCN\\_ASER-29WFJP505\\_Qual Plan.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)

ATA6625C-GAQW

ATA6623C-GAQW

ATA6631-GAQW

ATA6629-GAQW

ATA6662C-GAQW

ATA6663-GAQW

ATA6664-GAQW