



Product Change Notification / LIAL-18XYJN233

Date:

22-Feb-2022

Product Category:

USB Transceivers, Wireless Modules

PCN Type:

Manufacturing Change

Notification Subject:

CCB 5026 Final Notice: Qualification of ATT6 as a new final test site for selected USB332xxx, USB333xxx and ATWILC1000 device families available 55L WLCSP (3.25x3.25x0.589mm) and 25L WLCSP (1.97x1.97x0.57mm) package.

Affected CPNs:

[LIAL-18XYJN233_Affected_CPN_02222022.pdf](#)

[LIAL-18XYJN233_Affected_CPN_02222022.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 ATT6 as a new final test site for selected USB332xxx, USB333xxx and ATWILC1000 device families available 55L WLCSP (3.25x3.25x0.589mm) and 25L WLCSP (0.958x1.315x0.33mm) package.

Pre and Post Change Summary:

| | Pre Change | Post Change |
|-----------------|--|---|
| Final Test Site | AMKOR TECHNOLOGY TAIWAN, INC. (ATT) - T3 (ATT3) | AMKOR TECHNOLOGY TAIWAN, INC. (ATT) - T3 (ATT6) |

*Note: No packing changes.

Impacts to Data Sheet:None

Change ImpactNone

Reason for Change:To improve manufacturability by qualifying ATT6 as a new final test site.

Change Implementation Status:In Progress

Estimated First Ship Date:March 15, 2022 (date code: 2212)

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

Time Table Summary:

| | February 2022 | | | | March 2022 | | | | |
|-------------------------------|---------------|----|----|----|------------|----|----|----|----|
| | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 |
| Workweek | | | | | | | | | |
| Qual Report Availability | | | | x | | | | | |
| 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:February 22, 2022: 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_LIAL-18XYJN233_Qual_Report.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.



QUALIFICATION REPORT SUMMARY

PCN#: LIAL-18XYJN233

Date
February 10, 2022

Qualification of ATT6 as a new final test site for selected USB332xxx, USB333xxx and ATWILC1000 device families available 55L WLCSP (3.25x3.25x0.589mm) and 25L WLCSP (0.958x1.315x0.33mm) package.

Purpose: Qualification of ATT6 as a new final test site for selected USB332xxx, USB333xxx and ATWILC1000 device families available 55L WLCSP (3.25x3.25x0.589mm) and 25L WLCSP (0.958x1.315x0.33mm) package.

CCB No.: 5026

| Test Name | Test Conditions | Sample Size | Qty of Lots | Fail/Accept Criteria | Results |
|--|---|--------------------|--------------------|-----------------------------|----------------|
| Bin Comparison | Test the same units at existing and destination locations and compare BIN data. | 3 wafers | 3 | ≤0.5% | Passed |
| Yield Comparison | Test the same units at existing and destination locations and compare Yield data. | 3 wafers | 3 | ≤2% | Passed |
| Parametric / Characterization Comparison | Characterize the same units at existing and destination locations and compare data. | 33 dice | 3 | ≤10% | Passed |

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Affected Catalog Part Numbers (CPN)

USB3321C-GL-TR
USB3322C-GL-TR
USB3326C-GL-TR
USB3329C-GL-TR
USB3327C-GL-TR
USB3330E-GL-TR
USB3333E-GL-TR
USB3336E-GL-TR
USB3338E-GL-TR
USB3331E-GL-TR
ATWILC1000B-UU-T