



Product Change Notification - LIAL-15XZXM147

Date:

21 Jan 2019

Product Category:

Clock and Timing - Clock and Data Distribution

Affected CPNs:**Notification subject:**

CCB 3192.003 Final Notice: Qualification of MMT as an additional final test site for selected Micrel SY89295U device family available in 32L VQFN package.

Notification text:**PCN Status:**

Final notification.

PCN Type:

Manufacturing Change

Note: This final PCN only pertains to the products listed in this PCN. Additional final PCN will be issued as catalog part numbers (CPNs) are qualified to be tested at MMT

Microchip Parts Affected:

Please open one of the icons found in the Affected CPNs section above.

NOTE: For your convenience Microchip includes identical files in two formats (.pdf and .xls)

Description of Change:

Qualification of MMT as an additional final test site for selected Micrel SY89295U device family available in 32L VQFN package.

Pre Change:

Tested at UNIS, STAR or ANAP final test site.

Post Change:

Tested at UNIS, STAR, ANAP and MMT final test site.

Pre and Post Change Summary:

| | Pre Change | | | Post Change | | | |
|------------------------|--|---|---|--|---|---|-------------------------------------|
| Final Test Site | Unisem(M) Berhad Perak, Malaysia (UNIS) | Stars Microelectronics (Thailand) Public Company Limited (STAR) | Amkor Technology Philippines (P1/P2), INC. (ANAP) | Unisem(M) Berhad Perak, Malaysia (UNIS) | Stars Microelectronics (Thailand) Public Company Limited (STAR) | Amkor Technology Philippines (P1/P2), INC. (ANAP) | Microchip Technology Thailand (MMT) |

Impacts to Data Sheet:

None



Change Impact:

None

Reason for Change:

To add MMT as additional final test site to increase capacity and on-time delivery performance.

Change Implementation Status:

In Progress

Estimated First Ship Date:

February 21, 2019 (date code: 1908)

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

Time Table Summary:

| Workweek | March 2018 | | | | | -> | January 2019 | | | | | February 2019 | | | |
|--|------------|----|----|----|----|----|--------------|---|---|---|---|---------------|---|---|---|
| | 22 | 23 | 24 | 25 | 26 | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Initial PCN Issue Date for GBNG-11QHCHN666 | | | | X | | | | | | | | | | | |
| Qual Report Availability | | | | | | | | | X | | | | | | |
| Final PCN Issue Date for LIAL-15XZXM147 | | | | | | | | | 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:

March 13, 2018: Issued initial notification as PCN number [GBNG-11QHCHN666](#).

January 21, 2019: Issued final notification for selected Micrel Clock and Timing products as PCN number LIAL-15XZXM147. Attached the qualification report. Provided estimated first ship date to be on February 21, 2019.

The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable products.

Attachment(s):

[PCN LIAL-15XZXM147_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)

SY89295UMG

SY89295UMG-TR



MICROCHIP

QUALIFICATION REPORT SUMMARY

PCN#: LIAL-15XZXM147

Date

November 27, 2018

Qualification of MMT as an additional final test site for selected Micrel SY89295U device family available in 32L VQFN package.

Purpose: Qualification of MMT as an additional final test site for selected Micrel SY89295U device family available in 32L VQFN package..

CCB No.: 3192.003

Qualification report summary for SY89295UMG and SY89295UMG-TR

| Test / Evaluation | Test Conditions / Parameters | Results |
|-----------------------------------|---|----------------|
| Correlation Plan | 50 correlation units of each device type (original site/tester to new site/tester). Parametric correlation of ATE measured data sheet parameters 5,000 unit yield sample for bin comparison (original site/tester to new site/tester). 50 untested unit sample (new site/tester to original site/tester) for bin comparison and correlation. | Passed |
| Equipment correlation plan | Perform final test at original site record yield and bin data. Perform same final test using the same units at destination site. Compare data. | Passed |