



## Product Change Notification - KSRA-10BCIH316

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**Date:**

14 Jan 2020

**Product Category:**

Clock and Timing - Clock and Data Distribution

**Affected CPNs:****Notification subject:**

CCB 3192.006 Final Notice: Qualification of MMT as an additional final test site for selected Micrel SY89832 and SY89833 device families available in 16L VQFN (3x3x1.0mm) 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 SY89832 and SY89833 device families available in 16L VQFN (3x3x1.0mm) package.

**Pre Change:**

Tested at UNIS final test site.

**Post Change:**

Tested at UNIS and MMT final test site.

**Pre and Post Change Summary:**

	Pre Change	Post Change	
Final Test Site	Unisem (M) Berhad Perak, Malaysia (UNIS)	Unisem (M) Berhad Perak, Malaysia (UNIS)	Microchip Technology Thailand (MMT)

**Impacts to Data Sheet:**

None

**Change Impact:**

None

**Reason for Change:**



To increase manufacturability by adding MMT as an additional final test site.

### Change Implementation Status:

In Progress

### Estimated First Ship Date:

February 14, 2020 (date code: 2007)

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

### Time Table Summary:

	March 2018					->	January 2020					February 2020				
Workweek	9	10	11	12	13		40	41	42	43	44	45	46	47	48	
Initial PCN Issue Date for <a href="#">GBNG-11QHCHN666</a>				X												
Qual Report Availability										X						
Final PCN Issue Date for KSRA-10BCIH316										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 14, 2020:** Issued final notification for selected Micrel Clock and Timing products as PCN KSRA-10BCIH316. Attached the qualification report. Provided estimated first ship date to be on February 14, 2020.

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\\_KSRA-10BCIH316\\_Qual\\_Report.pdf](#)

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



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Affected Catalog Part Numbers (CPN)

SY89832UMG

SY89833LMG

SY89832UMG-TR

SY89833LMG-TR



**MICROCHIP**

## **QUALIFICATION REPORT SUMMARY**

**PCN#: KSRA-10BCIH316**

**Date**

**December 18, 2019**

**Qualification of MMT as an additional final test site for  
selected Micrel SY89832 and SY89833 device families  
available in 16L VQFN (3x3x1.0mm) package.**

**Purpose:** Qualification of MMT as an additional final test site for selected Micrel SY89832 and SY89833 device families available in 16L VQFN (3x3x1.0mm) package.

**CCB No.:** 3192.006

**Qualification report summary for SY89832UMG, SY89832UMG-TR, SY89833LMG and SY89833LMG-TR**

Test / Evaluation	Test Conditions / Parameters	Results
<b>Correlation Plan</b>	50 correlation units of each device type (original site/tester to new site/tester). Parametric correlation of ATE measured data sheet parameters  5,000 units yield sample for bin comparison (original site/tester to new site/tester).  50 untested units sample (new site/tester to original site/tester) for bin comparison and correlation.	Passed
<b>Equipment correlation plan</b>	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