



## Product Change Notification - RMES-02PWOV621

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**Date:**

28 Oct 2019

**Product Category:**

Memory

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

CCB 3832 Final Notice: Qualification of MTAI as a new final test site for selected products of the 0.25 um wafer technology available in 32L PDIP (0.600 in) package.

**Notification text:****PCN Status:**

Final notification

**PCN Type:**

Manufacturing Change

**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 MTAI as a new final test site for selected products of the 0.25 um wafer technology available in 32L PDIP (0.600 in) package.

**Pre Change:**

Tested at KYE final test site

**Post Change:**

Tested at MTAI final test site

**Pre and Post Change Summary:**

	Pre Change	Post Change
<b>Final Test Site</b>	King Yuan Electronics Company, Limited (KYE)	Microchip Technology Thailand (HQ)  (MTAI)
<b>Base Quantity Multiple (BQM)</b>	11	11
<b>Tube Color and Dimension</b>	No Change	
<b>Packing Method</b>	Minor Packing changes (see attached)	

**Impacts to Data Sheet:**

None

**Change Impact:**

None

**Reason for Change:**

To improve on-time delivery performance by qualifying MTAI as a new final test site.

**Change Implementation Status:**

In Progress

**Estimated First Ship Date:**



November 28, 2019 (date code: 1948)

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

Time Table Summary:

	July 2019					->	October 2019					November 2019			
Workweek	27	28	29	30	31		40	41	42	43	44	45	46	47	48
Initial PCN		X													
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:**

**July 09, 2019:** Issued initial notification.

**October 28, 2019:** Issued final notification. Attached the qualification report. Provided estimated first ship date to be on November 28, 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\\_RMES-02PWOV621\\_Qual\\_Report.pdf](#)

[PCN\\_RMES-02PWOV621\\_PRE\\_AND\\_POST\\_CHANGE\\_SUMMARY.pdf](#)

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

**Terms and Conditions:**

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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)

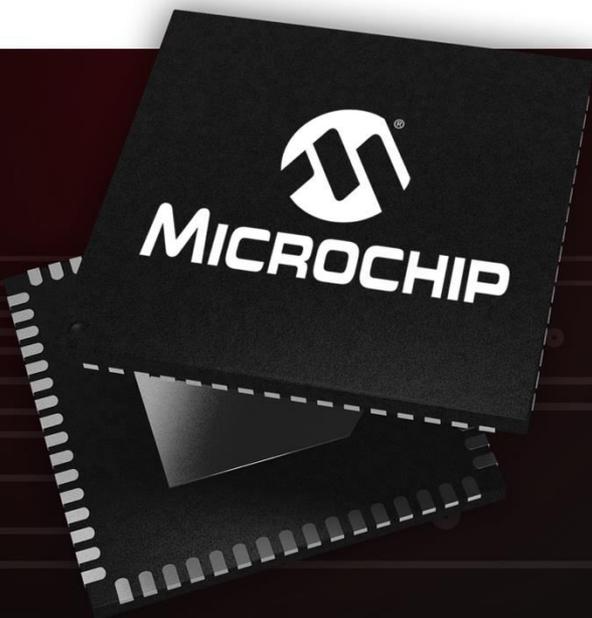
SST39SF040-70-4C-PHE

SST39SF020A-70-4C-PHE

SST39SF010A-70-4C-PHE



# MICROCHIP



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**CCB 3832\_ Pre and Post Change Summary**  
**PCN#: RMES-02PW0V621**



# Packing Information

	KYE	MTAI
Package	32L PDIP (0.600 in)	
BQM (Base Quantity Multiple) number of units that fit media	11	11
Tube Color	Clear Tube	Clear Tube
Desiccant	No	No
HIC	No	No
Box	With inner box and outer carton (see slide 3)	Inner box only (see slide 3)
ESD Bag	Pink ESD Bag (see slide 3)	Pink ESD Bag (see slide 3)
Fill (if applicable)	Bubble sheet if spaces in the box	Not applicable

# Box information

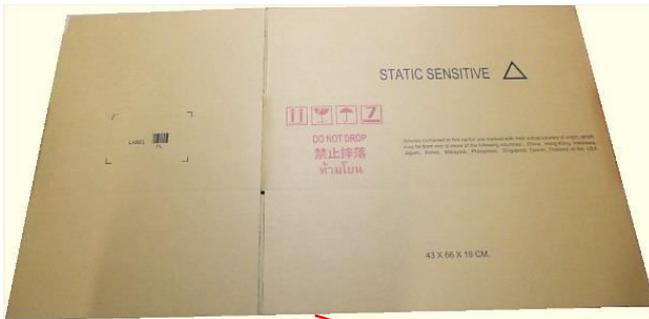
## PRE CHANGE (KYE)

## POST CHANGE (MTAI)

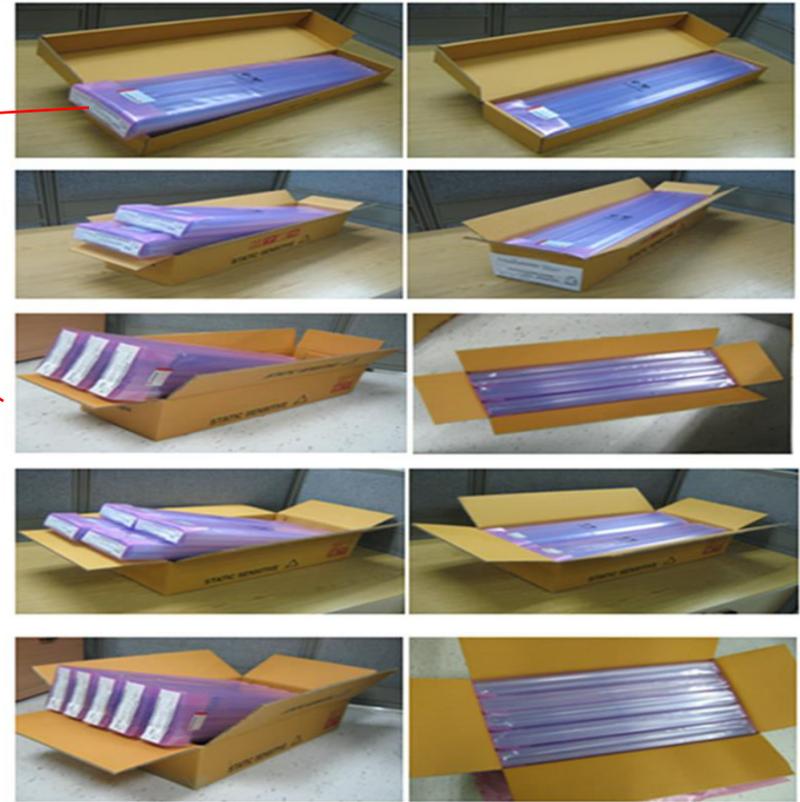


**Pink ESD Bag**

**Inner box**



**Outer carton**



**Inner box only**



**MICROCHIP**

**QUALIFICATION REPORT SUMMARY**

**PCN #: RMES-02PWOV621**

**Date**

**September 30, 2019**

**Qualification of MTAI as a new final test site for selected products of the 0.25 um wafer technology available in 32L PDIP (0.600 in) package.**

**Purpose:** Qualification of MTAI as a new final test site for selected products of the 0.25 um wafer technology available in 32L PDIP (0.600 in) package.

**CCB No.:** 3832

Test / Evaluation	Test Conditions / Parameters	Result
Datalog / Bin Comparison	<ul style="list-style-type: none"> <li>• 5,000-unit yield sample for bin comparison</li> <li>• Compare test sequence</li> <li>• Accept if all match or justify the differences</li> </ul>	Pass
Site by Site verification	<ul style="list-style-type: none"> <li>• Verifies that channel map has the correct site assignments and tester/handler communication work correctly</li> <li>• Accept if all match and tester/handler communication work correctly</li> </ul>	Pass
Unit to Unit Parametric Comparison	<ul style="list-style-type: none"> <li>• Compare parametric readings of 33 good units tested at both existing platform and new platform</li> <li>• Accept if Delta/Variance is within +/- 10%</li> </ul>	Pass
Test Stability Verification	<ul style="list-style-type: none"> <li>• 50 loops on single TD (4 Sites) with datalog off</li> <li>• Accept zero failure on all test</li> </ul>	Pass
Parametric Test Stability Verification	<ul style="list-style-type: none"> <li>• 50 loops on single TD (4 Sites) with datalog off</li> <li>• Accept on Cpk&gt; 1.67 or explainable</li> </ul>	Pass
Lot Correlation	<ul style="list-style-type: none"> <li>• 5K units test on both platforms</li> <li>• Accept if delta yield &lt; 0.1% or explainable</li> </ul>	Pass