



## Product Change Notification / CENO-28OKTD637

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### Date:

02-Feb-2024

### Product Category:

Clock and Timing - Clock and Data Distribution

### PCN Type:

Manufacturing Change

### Notification Subject:

CCB 6719 Initial Notice: Qualification of MTAI as a new assembly site for selected SY100EP111, SY100EP15V, SY100EP196, SY89295U and SY89296 device families available in 32L TQFP (7x7x1.0mm) package.

### Affected CPNs:

[CENO-28OKTD637\\_Affected\\_CPN\\_02022024.pdf](#)

[CENO-28OKTD637\\_Affected\\_CPN\\_02022024.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 a new assembly site for selected SY100EP111, SY100EP15V, SY100EP196, SY89295U and SY89296 device families available in 32L TQFP (7x7x1.0mm) package.

### Pre and Post Change Summary:

		Pre Change	Post Change
Assembly Site		Amkor Technology Philippine (P1/P2), INC.  (ANAP)	Microchip Technology Thailand (HQ)  (MTAI)
Moisture Sensitivity Level (MSL)		MSL 2	MSL 1
Shipping Media	Tray Color	Black	Dark Blue
	Tray Baking	Bakeable	Non-bakeable
Wire Material		Au	Au
Die Attach Material		3230	QMI519
Molding Compound Material		G700L	G700HA
Lead-Frame Material		C194	C7025
Lead-Frame Paddle Size		138 x 138 mils	197 x 197 mils
Lead-Frame Design		See Pre and Post Change for comparison	
DAP Surface Prep		NiPdAu	Ag selective

**Impacts to Data Sheet:**None

**Change Impact:**None

**Reason for Change:**To improve manufacturability by qualifying MTAI as a new assembly site.

**Change Implementation Status:**In Progress

**Estimated Qualification Completion Date:**February 2024

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:**

	February 2024				
Workweek	0 5	0 6	0 7	0 8	0 9
Initial PCN Issue Date	x				
Qual Report					x

Availability					
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:**February 2, 2024: 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\\_CENO-28OKTD637\\_Pre and Post Change\\_Summary.pdf](#)  
[PCN\\_CENO-28OKTD637\\_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)

SY100EP195VTG  
SY100EP196VTG  
SY100EP195VTG-TR  
SY100EP196VTG-TR  
SY100EP111UTG-TR  
SY100EP111UTG-TX  
SY100EP111UTG  
SY89296UTG  
SY89296UTG-TR  
SY89295UTG-TR  
SY89295UTG