

Product Change Notification / CENO-280KTD637

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09-Jul-2024

Product Category:

Clock and Timing - Clock and Data Distribution

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6719 Final Notice: Qualification of MTAI as a new assembly site for selected SY100EP111, SY100EP195V, SY100EP196, SY89295U and SY89296 device families available in 32L TQFP (7x7x1.0mm) package.

Affected CPNs:

CENO-280KTD637_Affected_CPN_07092024.pdf CENO-280KTD637_Affected_CPN_07092024.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 MTAI as a new assembly site for selected SY100EP111, SY100EP195V, SY100EP196, SY89295U and SY89296 device families available in 32L TQFP (7x7x1.0mm) package.

Pre and Post Change Summary:

	Pre Change	Post Change
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Asseml	bly Site	Amkor Technology Philippine (P1/P2), INC.	Microchip Technology Thailand (HQ)				
		(ANAP)	(MTAI)				
	nsitivity Level SL)	MSL 2	MSL 1				
Shipping	Tray Color	Black	Dark Blue				
Media	Tray Baking	Bakeable	Non-bakeable				
Wire N	laterial	Au	Au				
Die Attach	n Material	3230	QMI519				
Molding C Mat	Compound erial	G700L	G700HA				
Lead-Fram	e Material	C194	C7025				
Lead-Frame	Paddle Size	138 x 138 mils	197 x 197 mils				
Lead-Fran	ne Design	See Pre and Post Cha	nge for comparison				
DAP Surf	face Prep	NiPdAu	Ag selective				

Impacts to Data Sheet:None

Change ImpactNone

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

Change Implementation Status:In Progress

Estimated First Ship Date: August 19,2024 (date code: 2434)

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

Time Table Summary:

	February 2024						July 2024					August 2024			
Workweek	0 5	0 6	0 7	0 8	0 9		2 7	2 8	2 9	3 0	3 1	32	33	34	35
Initial PCN Issue Date	Х														
Qual Report Availability							Х								
Final PCN Issue Date							Х								
Estimated														Х	

Implementation								
Date								

Method to Identify Change:Traceability code

Qualification Report:Please open the attachments included with this PCN labeled as PCN_#_Qual_Report.

Revision History: February 2, 2024: Issued initial notification.

July 04, 2024: Issued final notification. Updated Notification subject and description of change to reflect the SY100EP195V device family from SY100EP15V. Attached the Qualification Report. Provided estimated first ship date to be on August 19, 2024.

July 09, 2024: Re-issued final notification to attach qualification report.

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-280KTD637_Qual_Report.pdf
PCN CENO-02VUYS211 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 <u>change your PCN profile</u>, <u>including opt out</u>, please go to the <u>PCN home page</u> select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

CENO-28OKTD637 - CCB 6719 Final Notice: Qualification of MTAI as a new assembly site for selected SY100EP111, SY100EP195V, SY100EP196, SY89295U and SY89296 device families available in 32L TQFP (7x7x1.0mm) package.

Affected Catalog Part Numbers (CPN)

SY100EP195VTG

SY100EP196VTG

SY100EP195VTG-TR

SY100EP196VTG-TR

SY100EP111UTG-TR

SY100EP111UTG-TX

SY100EP111UTG

SY89296UTG

SY89296UTG-TR

SY89295UTG-TR

SY89295UTG

Date: Monday, July 8, 2024