



Product Change Notification / CENO-13WQJN777

Date:

16-Feb-2023

Product Category:

Clock and Timing - Clock and Data Distribution

PCN Type:

Manufacturing Change

Notification Subject:

CCB 5163 Final Notice: Qualification of MMT as an additional assembly site for selected SY100EPTxxxxx, SY100ELTxxxxx, SY100EL3xxxx and SY100EL1xxxx device families available in 8L SOIC (3.90mm) package.

Affected CPNs:

[CENO-13WQJN777_Affected_CPN_02162023.pdf](#)

[CENO-13WQJN777_Affected_CPN_02162023.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 MMT as an additional assembly site for selected SY100EPTxxxxx, SY100ELTxxxxx, SY100EL3xxxx and SY100EL1xxxx device families available in 8L SOIC (3.90mm) package.

Pre and Post Change Summary:

	Pre Change		Post Change		
Assembly Site	Stars Microelectronics (Thailand) Public Company Limited (STAR)	Unisem (M) Berhad Perak, Malaysia (UNIS)	Stars Microelectronics (Thailand) Public Company Limited (STAR)	Unisem (M) Berhad Perak, Malaysia (UNIS)	Microchip Technology Thailand (Branch) – (MMT)
Wire Material	Au	Au	Au	Au	Au
Die Attach Material	2200D	8290	2200D	8290	8390A
Molding Compound Material	G600	G600KA	G600	G600KA	G600V
Lead-Frame Material	CDA194	CDA194	CDA194	CDA194	CDA194
Lead-Frame Paddle Size	95x130 mils	80x80 mils	95x130 mils	80x80 mils	90x90 mils
	See attached Pre and Post Change comparison				
DAP Surface Prep	NiPdAu	NiPdAu	NiPdAu	NiPdAu	Ag Spot
	See attached Pre and Post Change comparison				

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve productivity by qualifying MMT as an additional assembly site.

Change Implementation Status:In Progress

Estimated First Ship Date:March 15, 2023 (date code: 2311)

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

Time Table Summary:

	June 2022						February 2023				March 2023				
Workweek	2 3	2 4	2 5	2 6	2 7	>	0 5	0 6	0 7	0 8	0 9	1 0	1 1	1 2	1 3
Initial PCN Issue Date			x												
Qual Report									x						

Availability															
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:June 16, 2022: Issued Initial notification.

February 16, 2023: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on March 15, 2023.

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-13WQJN777 Pre and Post_Change_Summary.pdf](#)

[PCN_CENO-13WQJN777_Qual Report.pdf](#)

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

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