



Product Change Notification / RMES-28FEHU333

Date:

28-Dec-2022

Product Category:

Memory

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4404.002 and CCB 6051 Final Notice: Qualification of ASSH as a new assembly site and as an additional final test site for 24AA256, 24LC256 and 24FC256 device families available in 8L TSSOP (4.4mm) package.

Affected CPNs:

[RMES-28FEHU333_Affected_CPN_12282022.pdf](#)

[RMES-28FEHU333_Affected_CPN_12282022.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 ASSH as a new assembly site and as an additional final test site for 24AA256, 24LC256 and 24FC256 device families available in 8L TSSOP (4.4mm) package.

Pre and Post Change Summary:

	Pre Change	Post Change
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Assembly Site		Microchip Technology Thailand (Branch) (MMT)	ATX Semiconductor (Shanghai)Co. Ltd (ASSH)	
Wire Material		CuPdAu or Au	PdCu	
Die Attach Material		2200D	EN-4900G	
Molding Compound Material		G600V	G700LY	
Lead-Frame Material		C7025	C7025	
Lead-Frame Paddle Size		118 x 87 mils or 82x 82 mils	126 x 87 mils	
Lead finish		Matte tin	NiPdAu	
		Pre change	Post Change	
Final Test Site		Microchip Technology Thailand (HQ) (MTAI)	Microchip Technology Thailand (HQ) (MTAI)	ATX Semiconductor (Shanghai)Co. Ltd (ASSH)
Pin 1 Orientation – Tube		White side	White side	Top Left
BQM per Tube		100	100	100
Tube/Bag		160 tube / bag	160 tube / bag	160 tube / bag
Tube	Color	Clear	Clear	Clear
	Size	With minor dimensional changes. See pre and post change for comparison.		
Packaging Method for Tube		See pre and post change for comparison.		
Pin 1 Orientation – TnR		Quadrant 1	Quadrant 1	Quadrant 1
BQM per TnR		2500	2500	2500 or5000
Cover Tape		With minor dimensional changes. See pre and post change for comparison.		
Plastic Reel		With minor dimensional changes. See pre and post change for comparison.		
Packaging Method for Tube		See pre and post change for comparison.		

Impacts to Data Sheet:None

Change ImpactNone

Reason for Change:To improve manufacturability by qualifying ASSH as a new assembly site and as an additional final test site

Change Implementation Status:In progress

Estimated First Ship Date:January 10, 2023 (date code: 2302)

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

change parts.

Time Table Summary:

	December 2022					January 2023				
Workweek	4 9	5 0	5 1	5 2	5 3	01	02	03	04	05
Qual Report Availability					X					
Final PCN Issue Date					X					
Estimated Implementation Date							X			

Method to Identify Change:Traceability code

Qualification Reports:Please open the attachments included with this PCN labeled as PCN_#_Qual_Report_Assembly

Please open the attachments included with this PCN labeled as PCN_#_Qual_Report_Final_Test

Revision History:**December 28, 2022:** Issued final notification. Attached is the qualification report and provided estimated first ship date by January 10, 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_RMES-28FEHU333_Pre and Post Change Summary.pdf](#)

[PCN_RMES-28FEHU333_Qual_Report_Assembly.pdf](#)

[PCN_RMES-28FEHU333_Qual_Report_Final_Test.pdf](#)

Please contact your local **Microchip sales office** with questions or concerns regarding this notification.

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