



Product Change Notification / LIAL-13ERYV184

Date:

29-Jul-2021

Product Category:

Memory

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4198.001 Final Notice: Qualification of ASSH as a new assembly site for selected 24xx01, 24xx02, 24xx04, 24xx08 and 24xx16 device families available in 8L TSSOP package.

Affected CPNs:

[LIAL-13ERYV184_Affected_CPN_07292021.pdf](#)
[LIAL-13ERYV184_Affected_CPN_07292021.csv](#)

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 ASSH as a new assembly site for selected 24xx01, 24xx02, 24xx04, 24xx08 and 24xx16 device families available in 8L TSSOP package.

Pre Change:

Assembled at MMT using gold (Au) bond wire, 2200D die attach material, G600V molding compound material, with Matte tin lead plating finish and using lead frame without lead lock

Post Change:

Assembled at ASSH using palladium coated copper (PdCu) bond wire, EN-4900GC die attach material, G700LY molding

compound material, with Ru-PPF lead plating finish and using lead frame with lead lock

Pre and Post Change Summary:

	Pre Change	Post Change
Assembly Site	Microchip Technology Thailand (MMT)	ASE Advanced Semiconductor (Shanghai) Co., Ltd ASSH
Wire material	Au	PdCu
Die attach material	2200D	EN-4900GC
Molding compound material	G600V	G700LY
Lead frame material	C7025	C7025
Lead Plating Finish	Matte tin	Ru-PPF
Lead frame lead-lock	No	Yes
	See Pre and Post Change attachment for lead frame comparison.	

Impacts to Data Sheet: None

Change Impact:None

Reason for Change:To improve on-time delivery performance by qualifying ASSH as a new assembly site.

Change Implementation Status:In Progress

Estimated First Ship Date:February 9, 2021 (date code: 2107)

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

Time Table Summary:

	January 2021					February 2021				
	01	02	03	04	05	06	07	08	09	
Workweek										
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:January 18, 2021: Issued final notification. Attached the Qualification Report. Provided estimated first ship

date to be on February 9, 2021. **July 29, 2021:** Re-issued final notification to update the 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_LIAL-13ERYV184_Qual Report_Rev1.pdf](#)
[PCN_LIAL-13ERYV184_Pre and Post Change Summary.pdf](#)

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

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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)

24AA16T-I/ST
24LC08B/ST
24LC08B-E/ST
24LC08BH-E/ST
24LC08BH-I/ST
24LC08BHT-E/ST
24LC08BHT-I/ST
24LC08B-I/ST
24LC08BT/ST
24LC08BT-E/ST
24LC08BT-I/ST
24LC16B/ST
24LC16B-E/ST
24LC16BH-E/ST
24LC16BH-I/ST
24LC16BHT-E/ST
24LC16BHT-I/ST
24LC16B-I/ST
24LC16BT/ST
24LC16BT-E/ST
24LC16BT-I/ST
24AA01H-I/ST
24AA01HT-I/ST
24AA01-I/ST
24AA01T-I/ST
24AA02/ST
24AA02H-I/ST
24AA02HT-I/ST
24AA02-I/ST
24AA02T-I/ST
24AA04H-I/ST
24AA04HT-I/ST
24AA04-I/ST
24AA04T-I/ST
24LC01B/ST
24LC01B-E/ST
24LC01BH-E/ST
24LC01BH-I/ST
24LC01BHT-E/ST
24LC01BHT-I/ST
24LC01B-I/ST
24LC01BT/ST
24LC01BT-E/ST
24LC01BT-I/ST
24LC02B/ST
24LC02B-E/ST

24LC02BH-E/ST
24LC02BH-I/ST
24LC02BHT-E/ST
24LC02BHT-I/ST
24LC02B-I/ST
24LC02BT/ST
24LC02BT-E/ST
24LC02BT-I/ST
24LC04B/ST
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24LC04BH-E/ST
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24AA08H-I/ST
24AA08HT-I/ST
24AA08-I/ST
24AA08T-I/ST
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24AA16T-E/ST