



Product Change Notification / LIAL-19GWRY786

Date:

15-Jun-2023

Product Category:

32-bit Microcontrollers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4846 Final Notice: Qualification of ATP7 as an additional assembly site for selected ATSAMC20xx, ATSAMC21xx, ATSAMD20xx, ATSAMD21xx and ATSAML21xx device families available in 64L VQFN (9x9x1mm) package.

Affected CPNs:

[LIAL-19GWRY786_Affected_CPN_06152023.pdf](#)
[LIAL-19GWRY786_Affected_CPN_06152023.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 ATP7 as an additional assembly site for selected ATSAMC20xx, ATSAMC21xx, ATSAMD20xx, ATSAMD21xx and ATSAML21xx device families available in 64L VQFN (9x9x1mm) package.

Pre and Post Change Summary:

	Pre Change	Post Change
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Assembly Location	ASE Inc. (ASE)		ASE Inc. (ASE)		Amkor Technology Philippines (P3/P4), INC. (ATP7)
Bond Wire material	CuPd	CuPdAu	CuPd	CuPdAu	CuPdAu
Die Attach material	EN-4900F		EN-4900F		CRM1085A
Mold Compound material	G631H	G631SH	G631H	G631SH	G631BQF
Lead frame	Material	C194		C194	
	Paddle size	193 X 193 mils		193 X 193 mils	
	DAP Surface Prep	Ring Plating		Ring Plating	
	See pre and post change attachment for lead frame comparison.				

Impacts to Data Sheet:None

Change ImpactNone

Reason for Change: To improve productivity and on-time delivery performance by qualifying ATP7 as an additional assembly site.

Change Implementation Status: In Progress

Estimated First Ship Date: June 26, 2023 (date code: 2326)

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

Time Table Summary:

Method to Identify Change:Traceability code

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

Revision History:

October 7, 2021: Issued initial notification.

June 15, 2023: Issued final notification. Attached the Qualification Report. Revised the affected parts list. Provided estimated first ship date to be on June 26, 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_LIAL-19GWRY786_Qual Report.pdf](#)

[PCN_LIAL-19GWRY786_Pre and Post Change Summary.pdf](#)

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

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