



Product Change Notification / ASER-13KWIQ013

Date:

12-Dec-2022

Product Category:

32-bit Microcontrollers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4978 Final Notice: Qualification of MMT as an additional assembly site for selected ATSAME5xxx and ATSAMD5xxx device families available in 128L TQFP (14x14x1mm) package.

Affected CPNs:

[ASER-13KWIQ013_Affected_CPN_12122022.pdf](#)
[ASER-13KWIQ013_Affected_CPN_12122022.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 ATSAME5xxx and ATSAMD5xxx device families available in 128L TQFP (14x14x1mm) package.

Pre and Post Change Summary:

	Pre Change	Post Change	
Assembly Site	ASE Inc.	ASE Inc.	Microchip Technology

	(ASE)	(ASE)	Thailand (MMT)
Wire Material	Au/CuPdAu	Au/CuPdAu	CuPdAu
Die Attach Material	CRM-1076WA	CRM-1076WA	3280
Molding Compound Material	G631H	G631H	G700HA
Lead-Frame Material	C7025	C7025	C7025
Lead-Frame Paddle Size	240x240 mils	240x240 mils	190x190 mils
	See Pre and Post Change for Comparison		

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve manufacturability and on time delivery performance by qualifying MMT as an additional assembly site.

Change Implementation Status:In Progress

Estimated First Ship Date:December 28, 2022 (date code: 2253)

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

Time Table Summary:

	December 2021					>	December 2022				
	49	50	51	52	01		49	50	51	52	53
Workweek											
Initial PCN Issue Date				x							
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:

December 15, 2021: Issued initial notification.

December 12, 2022: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on December 28, 2022.

The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable products.

Attachments:

[PCN_ASER-13KWIQ0131_Pre and Post Change Summary.pdf](#)

[PCN_ASER-13KWIQ013_Qual Report_Corp.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)

ATSAME54P20A-AF
ATSAME54P19A-AF
ATSAMD51P19A-AF
ATSAMD51P20A-AF
ATSAME54P19A-AZ
ATSAME54P20A-AZ
ATSAMD51P19A-AZ
ATSAMD51P20A-AZ
ATSAME54P20A-AZ510
ATSAME54P19A-AZVAO
ATSAME54P20A-AZVAO
ATSAMD51P19A-AU
ATSAMD51P20A-AU
ATSAME54P19A-AU
ATSAME54P20A-AU
ATSAMD51P19A-AU-EFP
ATSAMD51P20A-AU-EFP
ATSAME54P19A-AU-EFP
ATSAME54P20A-AU-EFP
ATSAMD51P19A-AUN01
ATSAMD51P19A-AUT
ATSAMD51P20A-AUT
ATSAME54P19A-AUT
ATSAME54P20A-AUT
ATSAMD51P19A-AUT-EFP
ATSAMD51P20A-AUT-EFP
ATSAME54P19A-AUT-EFP
ATSAME54P20A-AUT-EFP
ATSAME54P20A-AUTEK1
ATSAME54P20A-AFT
ATSAME54P19A-AFT
ATSAMD51P19A-AFT
ATSAMD51P20A-AFT
ATSAME54P20A-AZT
ATSAME54P19A-AZT
ATSAMD51P19A-AZT
ATSAMD51P20A-AZT
ATSAME54P20A-AZT510
ATSAME54P19A-AZTVAO
ATSAME54P20A-AZTVAO