



Product Change Notification / DSNO-15TYNC088

Date:

18-Apr-2024

Product Category:

32-Bit Microcontrollers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6859 Final Notice: Qualification of MMT as an additional assembly site for selected ATSAME5xxx, ATSAMD5xxx and PIC32CX1025SG41100xxx device families available in 100L TQFP (14x14x1mm) package.

Affected CPNs:

[DSNO-15TYNC088_Affected_CPN_04182024.pdf](#)

[DSNO-15TYNC088_Affected_CPN_04182024.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, ATSAMD5xxx and PIC32CX1025SG41100xxx device families available in 100L TQFP (14x14x1mm) package.

Pre and Post Change Summary:

	Pre Change	Post Change	
Assembly Site	ASE Inc. (ASE)	ASE Inc. (ASE)	Microchip Technology Thailand (MMT)
Wire Material	CuPdAu/Au	CuPdAu/Au	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	180x180 mils	180x180 mils	195x195 mils
	See Pre and Post Change for Comparison		

Impacts to Data Sheet:None

Change ImpactNone

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

Change Implementation Status:In Progress

Estimated First Ship Date:May 24, 2024 (date code: 2421)

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

Time Table Summary:

	April 2024				May 2024				
Workweek	14	15	16	17	18	19	20	21	22
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: April 18, 2024: Issued final notification.

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

Attachments:

PCN_DSNO-15TYNC088_Pre and Post Change Summary.pdf
PCN_DSNO-15TYNC088_Qual Report.pdf

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

Terms and Conditions:

If you wish to receive Microchip PCNs via email please register for our PCN email service at our **PCN home page** select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the **PCN FAQ** section.

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)

ATSAMD51N19A-AF
ATSAMD51N20A-AF
ATSAMD51N19A-AFT
ATSAME51N19A-AF
ATSAME51N20A-AF
ATSAME53N19A-AF
ATSAMD51N20A-AFT
ATSAME51N19A-AFT
ATSAME53N20A-AF
ATSAME54N19A-AF
ATSAME51N20A-AFT
ATSAME53N19A-AFT
ATSAME53N20A-AFT
ATSAME54N20A-AF
ATSAME54N19A-AFT
ATSAME54N20A-AFT
ATSAMD51N19A-AU
ATSAMD51N19A-AU-EFP
ATSAMD51N20A-AU
ATSAMD51N20A-AU-EFP
ATSAME51N19A-AU
ATSAME51N19A-AU-EFP
ATSAME51N20A-AU
ATSAME51N20A-AU-EFP
ATSAME53N19A-AU
ATSAME53N19A-AU-EFP
ATSAME53N20A-AU
ATSAME53N20A-AU-EFP
ATSAME54N19A-AU
ATSAME54N19A-AU-EFP
ATSAME54N20A-AU
ATSAME54N20A-AU-EFP
PIC32CX1025SG41100-I/E5X
ATSAMD51N19A-AUT
ATSAMD51N19A-AUT-EFP
ATSAMD51N20A-AUT
ATSAMD51N20A-AUT-EFP
ATSAME51N19A-AUT
ATSAME51N19A-AUT-EFP
ATSAME51N20A-AUT
ATSAME51N20A-AUT-EFP
ATSAME53N19A-AUT
ATSAME53N19A-AUT-EFP
ATSAME53N20A-AUT
ATSAME53N20A-AUT-EFP
ATSAME54N19A-AUT

ATSAME54N19A-AUT-EFP
ATSAME54N20A-AUT
ATSAME54N20A-AUT-EFP
PIC32CX1025SG41100T-I/E5X
ATSAME51N19A-AZ510
ATSAME51N20A-AZVAO
HA5420
ATSAMD51N20A-AUN02
ATSAME54N20A-AZVAO
ATSAMD51N19A-AZVAO
ATSAMD51N20A-AUTN01
ATSAME51N19A-AZT510
ATSAME51N20A-AZTVAO
ATSAME51N19A-AZTVAO
ATSAMD51N19A-AZTVAO
PIC32CX1025SG41100-E/E5X-N02
ATSAME54N20A-AF-SL1
ATSAME54N20A-AF-SL2
ATSAME54N20A-AF-SL3
ATSAME54N20A-AFT-SL1
ATSAME54N20A-AFT-SL2
ATSAME54N20A-AFT-SL3
ATSAME54N19A-AZT
ATSAME53N19A-AZT
ATSAME53N20A-AZT
ATSAME51N19A-AZT
ATSAME51N20A-AZT
ATSAMD51N20A-AZT
ATSAMD51N19A-AZT
ATSAME54N19A-AZ
ATSAME54N20A-AZ
ATSAME53N19A-AZ
ATSAME53N20A-AZ
ATSAME51N19A-AZ
ATSAME51N20A-AZ
ATSAMD51N19A-AZ
ATSAMD51N20A-AZ
ATSAME54N20A-AZT
PIC32CX1025SG41100T-E/E5X
PIC32CX1025SG41100-E/E5X
ATSAMD51N20A-AU-RB
ATSAMD51N20A-AU-EFP-RB
ATSAMD51N20A-AUT-EFP-RB
ATSAME54N20A-AZ-RB