

Product Change Notification / GDOS-04EWFZ700

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07-Feb-2024

Product Category:

Crypto Memory

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6792 Initial Notice: Qualification of MTAI as an additional assembly site for selected AT88SC0104CA, AT88SC0204CA, AT88SC0404CA and AT88SC0808CA device families available in 8L SOIC (.150in) package using CuPdAu wire.

Affected CPNs:

GDOS-04EWFZ700_Affected_CPN_02072024.pdf GDOS-04EWFZ700_Affected_CPN_02072024.csv

Notification Text:

PCN Status:Initial 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 MTAI as an additional assembly site for selected AT88SC0104CA, AT88SC0204CA, AT88SC0404CA and AT88SC0808CA device families available in 8L SOIC (.150in) package using CuPdAu wire.

Pre and Post Change Summary:

	Pre Cl	hange	Post Change			
Assembly Site	ATX Semiconductor (Shanghai)Co. Ltd (ASSH)		ATX Semiconductor (Shanghai)Co. Ltd (ASSH)		Microchip Technology Thailand (HQ) (MTAI)	
Wire Material	Au	PdCu	Au	PdCu	CuPdAu	
Die Attach Material	EN-4900G		EN-4900G		QMI-519	
Molding Compound Material	G700LY		G700LY		G600V	
Lead-Frame Material	C194		C194		C194	
DAP Surface Prep	PPF		PPF		Bare Cu	
Lead Plating	NiPdAu		NiPdAu		Matte tin	
Lead-Frame Design	See Pre and Post Change Comparison					

Impacts to Data Sheet:

None

Change ImpactNone

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

Change Implementation Status:In Progress

Estimated Qualification Completion Date: May 2024

Note: Please be advised the qualification completion times may be extended because of unforeseen business conditions however implementation will not occur until after qualification has completed and a final PCN has been issued. The final PCN will include the qualification report and estimated first ship date. Also note that after the estimated first ship date guided in the final PCN customers may receive pre and post change parts.

Time Table Summary:

	February 2024			>	May 2024						
Workweek	0 5	0 6	0 7	0 8	0 9		1 8	1 9	2	2 1	2 2
Initial PCN Issue Date		Х									
Qual Report Availability										Х	
Final PCN Issue										Х	

Date Method to Identify Change:
Traceability code
Qualification Plan: Please open the attachments included with this PCN labeled as PCN_#_Qual_Plan.
Revision History: February 07, 2024: Issued initial 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_GDOS-04EWFZ700_Pre_and_Post_Change_Summary.pdf PCN_GDOS-04EWFZ700_Qual_Plan.pdf
Please contact your local Microchip sales office with questions or concerns regarding this notification.
Terms and Conditions:
If you wish to <u>receive Microchip PCNs via email</u> 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 <u>change your PCN profile, including opt out,</u> please go to the <u>PCN home page</u> select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

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Affected Catalog Part Numbers (CPN)

AT88SC0104CA-SH

AT88SC0204CA-SH

AT88SC0404CA-SH

AT88SC0808CA-SH

AT88SC0104CA-SH-T

AT88SC0204CA-SH-T

AT88SC0404CA-SH-T

AT88SC0808CA-SH-T

Date: Tuesday, February 6, 2024