



Product Change Notification / KSRA-17IFPV289

Date:

18-Sep-2020

Product Category:

32-bit Microcontrollers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 3892.005 Final PCN: Qualification of MMT as a new assembly site for selected Atmel ATSAMD2xx, ATSAMDxx, and ATSAML1xx available in 48L VQFN (7x7x1.0 mm) and 32L VQFN (5x5x1.0mm) packages.

Affected CPNs:

[KSRA-17IFPV289_Affected_CPN_09182020.pdf](#)

[KSRA-17IFPV289_Affected_CPN_09182020.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 MMT as a new assembly site for selected Atmel ATSAMD2xx, ATSAMDxx, and ATSAML1xx available in 48L VQFN (7x7x1.0 mm) and 32L VQFN (5x5x1.0mm) packages.

Pre Change:

Assembled at ASCL using palladium coated copper with gold flash (CuPdAu) bond wire, EN-4900GC die attach, G700LA molding compound, and at MSL 3.

Post Change:

Assembled at MMT using gold (Au) bond wire, 3280 die attach, G700LTD molding compound, and at MSL 1.

Pre and Post Change Summary:

	Pre Change	Post Change
Assembly Site	ASE Group Chung-Li (ASCL)	Microchip Technology Thailand. (MMT)
Wire material	CuPdAu	Au
Die attach material	EN-4900GC	3280
Molding compound material	G700LA	G700LTD
Lead frame material	C194	C194
Moisture Sensitivity Level	MSL3/260	MSL1/260

Impacts to Data Sheet: None

Change Impact: None

Reason for Change: To improve manufacturability by qualifying MMT as a new assembly site.

Change Implementation Status: In Progress

Estimated First Ship Date:

October 18, 2020 (date code: 2043)

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

Time Table Summary:

	September 2020				October 2020				
	36	37	38	39	40	41	42	43	44
Final PCN Issue Date			X						
Qual Report Availability			X						
Samples Availability								X	
Earliest date Microchip may implement upon approval*								X	

Method to Identify Change: Traceability code

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

Revision History: September 18, 2020: Issued final notification. Attached the Qualification Report. Provided estimated first

ship date to be on October 18, 2020.

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

Attachments:

[PCN_KSRA-17IFPV289_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.