



Product Change Notification / KSRA-20BGKY389

Date:

11-Apr-2023

Product Category:

8-bit Microcontrollers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4023.001 and 4023.002 Final Notice: Qualification of MTAI as a new assembly site for selected Atmel products available in 32L (7x7x1.0mm) and 48L TQFP (7x7x1.0mm) package using gold (Au) wire.

Affected CPNs:

[KSRA-20BGKY389_Affected_CPN_04112023.pdf](#)
[KSRA-20BGKY389_Affected_CPN_04112023.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 MTAI as a new assembly site for selected Atmel products available in 32L (7x7x1.0mm) and 48L TQFP (7x7x1.0mm) package using gold (Au) wire.

Pre Change:

Assembled at ASCL assembly site using palladium coated copper with gold flash (CuPdAu) bond wire, G700 and CEL-9240 molding compound, EN4900G die attach, and C194-ESH lead frame material with MSL Level 3 classification

Post Change:

Assembled at MTAI assembly site using gold (Au) bond wire, G700 molding compound, 3280 die attach, and C7025 lead frame material with MSL Level 1 classification

Pre and Post Change Summary:

	Pre Change		Post Change
Assembly Site	ASE Group Chung-Li / ASCL		Microchip Technology Thailand (HQ) / MTAI
Wire material	CuPdAu		Au
Die attach material	EN4900G		3280
Molding compound material	G700	CEL-9240	G700
Lead frame material	C194-ESH		C7025
MSL	MSL 3		MSL 1

Impacts to Data Sheet:

None

Change Impact:None

Reason for Change:To improve productivity by qualifying MTAI as a new assembly site

Change Implementation Status:In Progress

Estimated First Ship Date:March 14, 2020(date code: 2011)

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

Time Table Summary:

	December 2019				→	February 2020					March 2020				
Workweek	49	50	51	52		05	06	07	08	09	10	11	12	13	14
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 23, 2019:** Issued initial notification.

February 14, 2020: Issued final notification. Attached the Qualification Report. Updated the pre and post change to add

CEL-9240 molding compound material. Provided estimated first ship date to be on March 14, 2020 **April 11, 2023**: Re-issued final notification. Updated affected parts list to include ATMEGA328PB-ABTVAO catalog part number (CPN).

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-20BGKY389_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)

ATMEGA168PB-AU
ATMEGA168PB-AN
ATMEGA168PB-ANR
ATMEGA168PB-AUR
ATMEGA88PB-AU
ATMEGA48PB-AU
ATMEGA88PB-AN
ATMEGA48PB-AN
ATMEGA88PB-ANR
ATMEGA48PB-ANR
ATMEGA88PB-AUR
ATMEGA48PB-AUR
ATMEGA808-AF
ATMEGA1608-AF
ATMEGA1608-AU
ATMEGA808-AU
ATMEGA1608-AUR
ATMEGA808-AUR
ATMEGA1608-AFR
ATMEGA808-AFR
ATMEGA328PB-AU
ATMEGA328PB-AN
ATMEGA328PB-ANR
ATMEGA328PB-AUR
ATMEGA4808-AF
ATMEGA3208-AF
ATMEGA4808-AU
ATMEGA3208-AU
ATMEGA4808-AUR
ATMEGA3208-AUR
ATMEGA4808-AFR
ATMEGA3208-AFR
ATMEGA809-AF
ATMEGA1609-AF
ATMEGA1609-AU
ATMEGA809-AU
ATMEGA1609-AUR
ATMEGA809-AUR
ATMEGA1609-AFR
ATMEGA809-AFR
ATMEGA4809-AF
ATMEGA3209-AF
ATMEGA4809-AU
ATMEGA3209-AU
ATMEGA4809-AUR
ATMEGA3209-AUR

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ATMEGA4809-AFR

ATMEGA3209-AFR

ATMEGA328PB-ABTVAO