



Product Change Notification / KSRA-10RJDS922

Date:

13-Jul-2021

Product Category:

8-bit Microcontrollers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4249 Final Notice: Qualification of ASSH as a new assembly site for Atmel AT89C4051 device family available in 20L SOIC (.300in) package

Affected CPNs:

[KSRA-10RJDS922_Affected_CPN_07132021.pdf](#)

[KSRA-10RJDS922_Affected_CPN_07132021.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 ASSH as a new assembly site for Atmel AT89C4051 device family available in 20L SOIC (.300in) package

Pre Change:

Assembled at LPI using palladium coated copper with gold flash (CuPdAu) and gold (Au) bond wire, CRM-1033BF die attach and G600 molding compound material.

Post Change:

Assembled at ASSH using palladium coated copper with gold flash (CuPdAu) bond wire, EN4900GC die attach and CEL9240

molding compound material.

Pre and Post Change Summary:

	Pre Change	Post Change
Assembly Site	Lingsen Precision Industries LTD. (LPI)	ASE-Shanghai (ASSH)
Wire material	CuPdAu Au	CuPdAu
Die attach material	CRM-1033BF	EN4900GC
Molding compound material	G600	CEL9240
Lead frame material	A194	A194

Impacts to Data Sheet: None

Change Impact: None

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

Change Implementation Status: In Progress

Estimated First Ship Date:

August 09, 2021 (date code: 2133)

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

Time Table Summary:

	June 2020					>	July 2021					August 2021				
	27	28	29	30	31		27	28	29	30	31	32	33	34	35	36
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: **June 18, 2020:** Issued initial notification. **July 13, 2021:** Issued final notification. Attached is the

qualification report and added estimated first ship date by August 09, 2021.

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-10RJDS922_Qual_Report.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)

AT89C4051-24SU

AT89C4051-12SU

AT89C4051-24SUR

AT89C4051-12SUR