



Product Change Notification / RMES-22AMIJ262

Date:

26-Feb-2021

Product Category:

32-bit Microcontrollers, Wireless Modules

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4578 Final Notice: Standardization of Pin 1 Orientation in Tape and Reel packing media for selected ATSAMCxxExx and ATSAMRxxExx devices families available in 32L VFQN (5x5x1 mm) package.

Affected CPNs:

[RMES-22AMIJ262_Affected_CPN_02262021.pdf](#)

[RMES-22AMIJ262_Affected_CPN_02262021.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: Standardization of Pin 1 Orientation in Tape and Reel packing media for selected ATSAMCxxExx and ATSAMRxxExx devices families available in 32L VFQN (5x5x1 mm) package.

Pre Change:

See table summary/comparison table below.

Post Change:

See table summary/comparison table below.

Pre and Post Change Summary:

		Pre Change		Post Change	
Final Test Site		Microchip Technology Operations (Philippines) Corporation (MPHL)	ASE Test (ASE9)	Microchip Technology Operations (Philippines) Corporation (MPHL)	ASE Test (ASE9)
Affected CPN List	Pin 1 Orientation: Quadrant 1	ATSAMC20E16A-MUT ATSAMC20E17A-MUT ATSAMC21E15A-MUT ATSAMC21E16A-MUT ATSAMC21E17A-MUT ATSAMC21E18A-MUT	ATSAMR21E18A-MFTA7 ATSAMR21E18A-MUT	ATSAMC20E16A-MNT ATSAMC20E16A-MUT ATSAMC20E17A-MUT ATSAMC21E15A-MUT ATSAMC21E16A-MNT ATSAMC21E16A-MUT ATSAMC21E17A-MUT ATSAMC21E18A-MNT ATSAMC21E18A-MUT	
	Pin 1 Orientation: Quadrant 2	ATSAMR21E18A-MFTA7 ATSAMR21E18A-MUT	ATSAMC20E16A-MNT ATSAMC20E16A-MUT ATSAMC20E17A-MUT ATSAMC21E15A-MUT ATSAMC21E16A-MNT ATSAMC21E16A-MUT ATSAMC21E17A-MUT ATSAMC21E18A-MNT ATSAMC21E18A-MUT	ATSAMR21E18A-MFTA7 ATSAMR21E18A-MUT	
Pin 1 Orientation Illustration		See Pre and Post Change attachment			
Packing Media		Tape and Reel – No change			
Base Quantity Multiple (BQM)		5000 per reel – No change			

Impacts to Data Sheet: None

Change Impact: None

Reason for Change: To improve manufacturability by standardizing the Pin 1 Orientation at MPHL and ASE9.

Change Implementation Status: In Progress

Estimated First Ship Date:

April 01, 2021 (date code: 2114)

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

Time Table Summary:

	February 2021	>	April 2021
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Workweek	06	07	08	09		14	15	16	17	18
Qual Report Availability				X						
Final PCN Issue Date				X						
Estimated Implementation Date						X				

Method to Identify Change: Traceability code and Pin 1 Orientation

Qualification Report: Not Applicable

Revision History: February 26, 2021: Issued final notification. Provided estimated first ship date to be on April 01, 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_RMES-22AMIJ262_Affected_CPN.pdf](#)

[PCN_RMES-22AMIJ262_Affected_CPN.xlsx](#)

[PCN_RMES-22AMIJ262_Pre and Post Change Summary.pdf](#)

Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.

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