



Product Change Notification / LIAL-19GWR786

Date:

07-Oct-2021

Product Category:

32-bit Microcontrollers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4846 Initial Notice: Qualification of ATP7 as an additional assembly site for selected Atmel ATSAMC20xx, ATSAMC21xx, ATSAMD20xx, ATSAMD21xx and ATSAML21xx device families available in 64L VQFN (9x9x1mm) package.

Affected CPNs:

[LIAL-19GWR786_Affected_CPN_10072021.pdf](#)

[LIAL-19GWR786_Affected_CPN_10072021.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 ATP7 as an additional assembly site for selected Atmel ATSAMC20xx, ATSAMC21xx, ATSAMD20xx, ATSAMD21xx and ATSAML21xx device families available in 64L VQFN (9x9x1mm) package.

Pre and Post Change Summary:

	Pre Change	Post Change	
Assembly Location	ASE Inc. (ASE)	ASE Inc. (ASE)	Amkor Technology Philippines (P3/P4), INC. (ATP7)

Bond Wire material	PdCu	CuPdAu	PdCu	CuPdAu	CuPdAu
Die Attach material	EN-4900F		EN-4900F		CRM1085A
Mold Compound material	G631H	G631SH	G631H	G631SH	G631BQF
Lead frame	Material	C194		C194	
	Paddle size	193 X 193 mils		193 X 193 mils	
	DAP Surface Prep	Ring Plating		Ring Plating	
		See pre and post change attachment for lead frame comparison.			

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve productivity and on-time delivery performance by qualifying ATP7 as an additional assembly site.

Change Implementation Status:In Progress

Estimated Qualification Completion Date:

February 2022

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:

	October 2021					->	February 2022				
Workweek	40	41	42	43	44		06	07	08	09	10
Initial PCN Issue Date		X									
Qual Report Availability								X			
Final PCN issue date								X			

Method to Identify Change:Traceability code

Qualification Plan:Please open the attachments included with this PCN labeled as PCN_#_Qual_Plan.

Revision History:October 7, 2021: 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_LIAL-19GWRY786_Qual Plan.pdf](#)

[PCN_LIAL-19GWRY786_Pre and Post Change Summary.pdf](#)

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

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Affected Catalog Part Numbers (CPN)

ATSAML21J18B-MU
ATSAML21J16B-MNT
ATSAML21J18B-MNT
ATSAML21J17B-MNT
ATSAML21J16B-MUT
ATSAML21J17B-MUT
ATSAML21J18B-MUT
ATSAML21J18B-MUT-SLL
ATSAML21J17B-MUT-SLL
ATSAMD20J16B-MU
ATSAMD20J15B-MU
ATSAMD20J14B-MU
ATSAMD20J16B-MUB7
ATSAMD20J16B-MUB8
ATSAMD20J16B-MN
ATSAMD20J14B-MN
ATSAMD20J15B-MN
ATSAMD20J16B-MNT
ATSAMD20J14B-MNT
ATSAMD20J15B-MNT
ATSAMD20J16B-MUT
ATSAMD20J14B-MUT
ATSAMD20J15B-MUT
ATSAMC20J15A-MNT
ATSAMC20J16A-MNT
ATSAMC20J17A-MNT
ATSAMC20J18A-MNT
ATSAMC21J15A-MNT
ATSAMC21J16A-MNT
ATSAMC21J17A-MNT
ATSAMC21J18A-MNT
ATSAMC21J18A-MUT
ATSAMC20J15A-MUT
ATSAMC20J16A-MUT
ATSAMC20J17A-MUT
ATSAMC20J18A-MUT
ATSAMC21J15A-MUT
ATSAMC21J16A-MUT
ATSAMC21J17A-MUT
ATSAMC21J17A-MUTB2
ATSAMC21J17A-MUTN02
ATSAMC21J18A-MUTN01
ATSAMD21J17A-MF
ATSAMD21J18A-MF
ATSAMD21J17A-MU
ATSAMD21J18A-MU

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ATSAMD21J18A-MUA1
ATSAMD21J17A-MUA1
ATSAMD21J18A-MU-SLL
ATSAMD21J17A-MUT
ATSAMD21J18A-MUT
ATSAMD21J18A-MUTA1
ATSAMD21J17A-MUTA1
ATSAMD21J17A-MFT
ATSAMD21J18A-MFT
ATSAMD20J18A-MUA4
ATSAMD20J14A-MU
ATSAMD20J15A-MU
ATSAMD20J16A-MU
ATSAMD20J17A-MU
ATSAMD20J18A-MU
ATSAMD20J18A-MUA2
ATSAMD20J17A-MUA2
ATSAMD20J16A-MUA2
ATSAMD20J15A-MUA2
ATSAMD20J14A-MUA2
ATSAMD20J17A-MUN01
ATSAMD20J14A-MN
ATSAMD20J18A-MN
ATSAMD20J15A-MN
ATSAMD20J16A-MN
ATSAMD20J17A-MN
ATSAMD20J18A-MNT
ATSAMD20J14A-MNT
ATSAMD20J15A-MNT
ATSAMD20J16A-MNT
ATSAMD20J17A-MNT
ATSAMD20J14A-MUT
ATSAMD20J15A-MUT
ATSAMD20J16A-MUT
ATSAMD20J17A-MUT
ATSAMD20J18A-MUT
ATSAMD20J18A-MUTA2
ATSAMD20J16A-MUTA2
ATSAMD20J15A-MUTA2
ATSAMD20J14A-MUTA2
ATSAMD20J17A-MUTA2