



**Product Change Notification / ALAN-20BLUP482**

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**Date:**

07-Nov-2022

**Product Category:**

32-bit Microcontrollers

**PCN Type:**

Manufacturing Change

**Notification Subject:**

CCB 4847 Final Notice: Qualification of ATP7 as an additional assembly site for selected Atmel ATSAM51Jxx and ATSAME5xx device families available in 64L VQFN (9x9x1.0mm) package.

**Affected CPNs:**

[ALAN-20BLUP482\\_Affected\\_CPN\\_11072022.pdf](#)  
[ALAN-20BLUP482\\_Affected\\_CPN\\_11072022.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 ATP7 as an additional assembly site for selected Atmel ATSAM51Jxx and ATSAME5xx device families available in 64L VQFN (9x9x1.0mm) package.

**Pre and Post Change Summary:**

	Pre Change	Post Change
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<b>Assembly location</b>		ASE Inc. (ASE)	ASE Inc. (ASE)	Amkor Technology Philippines (P3/P4), INC. (ATP7)
Bond Wire Material		CuPdAu	CuPdAu	CuPdAu
Die Attach Material		EN-4900F	EN-4900F	CRM1085A
Molding Compound Material		G631H	G631H	G631BOF
Lead-Frame	Material	C194	C194	C194
	Paddle Size	193 X 193 mils	193 X 193 mils	197X197 mils
	See pre and post change comparison			

**Impacts to Data Sheet:**None

**Change Impact:**None

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

**Change Implementation Status:**In Progress

**Estimated First Ship Date:**December 9, 2022 (date code: 2250)

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

**Time Table Summary:**

	September 2021					>	November 2022					December 2022			
Workweek	3 6	3 7	3 8	3 9	4 0		4 5	4 6	4 7	4 8	4 9	50	51	52	53
Initial PCN Issue Date				x											
Qual Report Availability							x								
Final PCN Issue Date							x								
Estimated												x			



Affected Catalog Part Numbers (CPN)

ATSAME51J19A-MU  
ATSAME51J18A-MU  
ATSAMD51J18A-MU  
ATSAMD51J19A-MU  
ATSAMD51J20A-MU  
ATSAME53J18A-MU  
ATSAME53J19A-MU  
ATSAME53J20A-MU  
ATSAME51J20A-MU  
ATSAMD51J18A-MU-EFP  
ATSAMD51J19A-MU-EFP  
ATSAMD51J20A-MU-EFP  
ATSAME51J18A-MU-EFP  
ATSAME51J19A-MU-EFP  
ATSAME51J20A-MU-EFP  
ATSAME53J18A-MU-EFP  
ATSAME53J19A-MU-EFP  
ATSAME53J20A-MU-EFP  
ATSAMD51J19A-MUN01  
ATSAME53J18A-MUN02  
ATSAME51J19A-MUT  
ATSAME51J18A-MUT  
ATSAMD51J18A-MUT  
ATSAMD51J19A-MUT  
ATSAMD51J20A-MUT  
ATSAME53J18A-MUT  
ATSAME53J19A-MUT  
ATSAME53J20A-MUT  
ATSAME51J20A-MUT  
ATSAMD51J18A-MUT-EFP  
ATSAMD51J19A-MUT-EFP  
ATSAMD51J20A-MUT-EFP  
ATSAME51J18A-MUT-EFP  
ATSAME51J19A-MUT-EFP  
ATSAME51J20A-MUT-EFP  
ATSAME53J18A-MUT-EFP  
ATSAME53J19A-MUT-EFP  
ATSAME53J20A-MUT-EFP  
ATSAMD51J19A-MUTN01