

Product Change Notification / ALAN-20BLUP482

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 ATSAMD51Jxx 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 ATSAMD51Jxx and ATSAME5xx device families available in 64L VQFN (9x9x1.0mm) package.

Pre and Post Change Summary:

| Pre Change | Post Change | | | | |
|------------|-------------|--|--|--|--|
| | | | | | |
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|------------------|------------------------------------|----------------|----------------|----------------------|--|--|--|--|--|
| | | | | Amkor Technology | | | | | |
| Assembly | / location | ASE Inc. (ASE) | ASE Inc. (ASE) | Philippines (P3/P4), | | | | | |
| | | | | INC. (ATP7) | | | | | |
| Bond Wire | e Material | CuPdAu | CuPdAu | CuPdAu | | | | | |
| Die Attack | n Material | EN-4900F | EN-4900F | CRM1085A | | | | | |
| Molding C Mat | compound erial | G631H | G631H | G631BQF | | | | | |
| 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 ImpactNone

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 | | | | х | | | | | | | | | | | |
| Qual Report Availability | | | | | | | | х | | | | | | | |
| Final PCN Issue Date | | | | | | | | х | | | | | | | |
| Estimated | | | | | | | | | | | | Х | | | |

Implementation Implementation Implementation Date Implementation Implementation

Method to Identify Change:Traceability code

Qualification Report:Please open the attachments included with this PCN labeled as PCN_#_Qual_Report.

Revision History:September 23, 2021: Issued initial notification. November 7, 2022: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on December 9, 2022.

The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable products.

Attachments:

PCN_ALAN-20BLUP482 Pre and Post Change_Summary.pdf PCN_ALAN-20BLUP482_Qualification Report.pdf

Please contact your local Microchip sales office with questions or concerns regarding this notification.

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If you wish to <u>change your PCN profile, including opt out</u>, please go to the <u>PCN home page</u> 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)

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