



## Product Change Notification / ALAN-10DSO650

---

### Date:

06-May-2024

### Product Category:

32-Bit Microcontrollers

### PCN Type:

Manufacturing Change

### Notification Subject:

CCB 6403 Final Notice: Qualification of MTAI as an additional final test site for selected ATSAMC21G18A, ATSAMC21G16A, ATSAMC21G17A, ATSAMC20G15A, ATSAMC20G16A, ATSAMC20G17A, ATSAMC20G18A, and ATSAMC21G15A device families available in 48L TQFP (7x7x1mm) package.

### Affected CPNs:

[ALAN-10DSO650\\_Affected\\_CPN\\_05062024.pdf](#)

[ALAN-10DSO650\\_Affected\\_CPN\\_05062024.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 MTAI as an additional final test site for selected ATSAMC21G18A, ATSAMC21G16A, ATSAMC21G17A, ATSAMC20G15A, ATSAMC20G16A, ATSAMC20G17A, ATSAMC20G18A, and ATSAMC21G15A device families available in 48L TQFP (7x7x1mm) package.

### Pre and Post Change Summary:

		Pre Change		Post Change		
Final Test Site		Microchip Technology Operations (Philippines) Corporation (MPHL)	ASE Inc. (ASE)	Microchip Technology Operations (Philippines) Corporation (MPHL)	ASE Inc. (ASE)	Microchip Technology Thailand (HQ) (MTAI)
Tray	BQM	2500		2500		2500
	Pin1 Orientation	Chamfer Side		Chamfer Side		Chamfer Side
	Comparison	No change. See Pre and Post change for comparison.				
Tray Packaging	Box	No change. See Pre and Post change for comparison.				
	Bags	No change. See Pre and Post change for comparison.				
Tray Packaging Method		See Pre and Post change for comparison.				
Tape and Reel (T/R)	BQM	2500		2500		2500
	Pin1 Orientation	Quadrant 1		Quadrant 1		Quadrant 1
	Carrier Tape	Minor dimensional change. See Pre and Post change for comparison.				
	Reel Color	White		White		Dark Blue
	Reel Dimensions	Minor dimensional change. See Pre and Post change for comparison.				
T/R Packaging	Box	No change. See Pre and Post change for comparison.				
	Bags	No change. See Pre and Post change for comparison.				
T/R Packaging Method		See Pre and Post change for comparison.				

**Impacts to Data Sheet:**None

**Change Impact:**None

**Reason for Change:**To improve on-time delivery performance by qualifying MTAI as an additional final test site.

**Change Implementation Status:**In Progress

**Estimated First Ship Date:**May 31, 2024 (date code: 2422)

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

change parts.

Time Table Summary:

	March 2024					>	May 2024				
Workweek	09	10	11	12	13		18	19	20	21	22
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:March 13, 2024: Issued initial notification.  
May 02, 2024: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on May 31, 2024.  
May 06, 2024: Re-issued to adjust Pre and Post change table.

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-10DSON650 Pre\_and\_Post\_Change\_Summary\_.pdf  
PCN\_ALAN-10DSON650 Qual Report.pdf

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

## Terms and Conditions:

If you wish to receive Microchip PCNs via email please register for our PCN email service at our [PCN home page](#) select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the [PCN FAQ](#) section.

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.

---

ALAN-10DSON650 - CCB 6403 Final Notice: Qualification of MTAI as an additional final test site for selected  
ATSAMC21G18A, ATSAMC21G16A, ATSAMC21G17A, ATSAMC20G15A, ATSAMC20G16A, ATSAMC20G17A,  
ATSAMC20G18A, and ATSAMC21G15A device families available in 48L TQFP (7x7x1mm) package.

---

Affected Catalog Part Numbers (CPN)

ATSAMC21G18A-AUT64  
ATSAMC21G16A-AUT  
ATSAMC21G17A-ANT  
ATSAMC20G15A-ANT  
ATSAMC20G16A-ANT  
ATSAMC20G17A-ANT  
ATSAMC20G18A-ANT  
ATSAMC21G15A-ANT  
ATSAMC21G16A-ANT  
ATSAMC21G18A-ANT  
ATSAMC20G18A-AUT  
ATSAMC21G18A-AUT  
ATSAMC20G15A-AUT  
ATSAMC20G16A-AUT  
ATSAMC20G17A-AUT  
ATSAMC21G15A-AUT  
ATSAMC21G17A-AUT  
ATSAMC21G18A-AUTN01  
ATSAMC20G16A-AUN01