



## Product Change Notification / ALAN-04KTCS710

### Date:

07-Oct-2021

### Product Category:

8-bit Microcontrollers

### PCN Type:

Manufacturing Change

### Notification Subject:

CCB 4764 Initial Notice: Qualification of OSE as an additional assembly site for selected ATTEL ATXMEGA128xx, ATXMEGA64xx, ATXMEGA32xx and ATXMEGA16xx device families available in 49L VFBGA (5x5x1.0mm) package.

### Affected CPNs:

[ALAN-04KTCS710\\_Affected\\_CPN\\_10072021.pdf](#)  
[ALAN-04KTCS710\\_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 OSE as an additional assembly site for selected ATTEL ATXMEGA128xx, ATXMEGA64xx, ATXMEGA32xx and ATXMEGA16xx device families available in 49L VFBGA (5x5x1.0mm) package.

### Pre and Post Change Summary:

	Pre Change	Post Change

Assembly Site		ASE Inc. (ASE)	ASE Inc. (ASE)	Orient Semiconductor Electronics, Ltd (OSE)
Substrate	Core Material	CCL-HL832NX (A-HS)	CCL-HL832NX (A-HS)	HL832NXA
	Process	Normal	Normal	Tenting
	L1/L2 Thickness	Min 12um	Min 12um	Copper 18+/-6 um, Ni 3um (min) Au 0.2um(min) OSP 0.3+/-0.15um
	SM Material	AUS 308	AUS 308	AUS 320
Bond wire		CuPd	CuPd	CuPdAu
Die attach film (DAF)		ATB125	ATB125	HR-5104
Mold compound		KE-G1250LKDS	KE-G1250LKDS	G760LB

**Impacts to Data Sheet:** None

### Change Impact:None

**Reason for Change:** To improve manufacturability by qualifying OSE as an additional assembly site.

## Change Implementation Status: In Progress

Estimated Qualification Completion Date: May 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 quoted in the final PCN customers may receive pre and post change parts.

## Time Table Summary:

**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\\_ALAN-04KTCS710\\_Qual\\_plan.pdf](#)

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

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