



## Product Change Notification / ALAN-25RJDH615

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### Date:

17-Apr-2024

### Product Category:

32-Bit Microcontrollers

### PCN Type:

Manufacturing Change

### Notification Subject:

CCB 6505 Final Notice: Qualification of ASE as an additional assembly site for selected CEC1736-S0-I/2ZWxx device family available in 84L WFBGA (7x7x0.8mm) package.

### Affected CPNs:

[ALAN-25RJDH615\\_Affected\\_CPN\\_04172024.pdf](#)  
[ALAN-25RJDH615\\_Affected\\_CPN\\_04172024.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 ASE as an additional assembly site for selected CEC1736-S0-I/2ZWxx device family available in 84L WFBGA (7x7x0.8mm) package.

### Pre and Post Change Summary:

	Pre Change	Post Change	
Assembly Site	Amkor Assembly	Amkor Assembly &	ASE Inc.

	& Test (Shanghai) Co., LTD (ANAC)	Test (Shanghai) Co., LTD (ANAC)	(ASE)
Wire Material	CuPdAu	CuPdAu	CuPdAu
Die Attach Material 1	EM760L2-P	EM760L2-P	EPX ATB-125-12
Die Attach Material 2	ATB-F125E	ATB-F125E	FH-SC13T-HR-5104
Die Attach Material 3	EM760L2-P	EM760L2-P	FH-SC13T-HR-5104
Molding Compound Material	G750E	G750E	KE-G1250NAS
Substrate Core Material	HL832NXA	HL832NXA	CCL-HL832NS
Core Thickness	60+/-20 um	60+/-20 um	60+/-15 um
SM Material	AUS320	AUS320	AUS308
Solder Ball Material	SAC305	SAC305	SAC305

**Impacts to Data Sheet:**None

**Change Impact:**None

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

**Change Implementation Status:**In Progress

**Estimated First Ship Date:**May 10, 2024 (date code: 2419)

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

**Time Table Summary:**

	August 2023					>	April 2024					May 2024				
Workweek	3 1	3 2	3 3	3 4	3 5		1 4	1 5	1 6	1 7	1 8	1 9	2 0	2 1	2 2	2 3
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:**August 30, 2023: Issued initial notification.

April 17, 2024: Issued final notification. Attached the Qualification Report. Updated affected CPN list to include catalog part numbers (CPN) released prior issuance of the Final PCN. Provided estimated first ship date to be on May 10, 2024.

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-25RJDH615 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.

Affected Catalog Part Numbers (CPN)

CEC1736-S0-I/2ZW-N10  
CEC1736-S0-I/2ZW-L11  
CEC1736-S0-I/2ZW-AM000  
CEC1736-S0-I/2ZW-PROTO2  
CEC1736-S0-I/2ZW-N20  
CEC1736-S0-I/2ZW-N03  
CEC1736-S0-I/2ZW-N00-TR  
CEC1736-S0-I/2ZW-N01-TR  
CEC1736-S0-I/2ZW-N02-TR  
CEC1736-S0-I/2ZW-L01-TR  
CEC1736-S0-I/2ZW-N12-TR  
CEC1736-S0-I/2ZW-N10-TR  
CEC1736-S0-I/2ZW-L11-TR  
CEC1736-S0-I/2ZW-N20-TR  
CEC1736-S0-I/2ZW-N03-TR  
CEC1736-I/2ZW-MD  
CEC1736-S0-I/2ZW-QU001  
CEC1736-S0-I/2ZW-TFLX  
CEC1736-S0-I/2ZW-TFLX-PROTO  
CEC1736-S0-I/2ZW  
CEC1736-S0-I/2ZW-N00  
CEC1736-S0-I/2ZW-N01  
CEC1736-S0-I/2ZW-N02  
CEC1736-S0-I/2ZW-DEV  
CEC1736-S0-I/2ZW-L01  
CEC1736-S0-I/2ZW-PROTO  
CEC1736-S0-I/2ZW-N12