



## Product Change Notification / ASER-05NIJV601

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### Date:

23-Jun-2021

### Product Category:

16-Bit - Microcontrollers and Digital Signal Controllers

### PCN Type:

Manufacturing Change

### Notification Subject:

CCB 4445 Final Notice: Qualification of a new bill of materials (BOM) for selected devices in the DSPIC33EPxxx and PIC24EPxxx device families available in 144L LQFP (20x20x1.4mm) package at ANAP assembly site.

### Affected CPNs:

[ASER-05NIJV601\\_Affected\\_CPN\\_06232021.pdf](#)

[ASER-05NIJV601\\_Affected\\_CPN\\_06232021.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 a new bill of materials (BOM) for selected devices in the DSPIC33EPxxx and PIC24EPxxx device families available in 144L LQFP (20x20x1.4mm) package at ANAP assembly site.

#### Pre Change:

Assembled at ANAP assembly site using G700L molding compound.

#### Post Change:

Assembled at ANAP assembly site using G631HQ molding compound.

**Pre and Post Change Summary:**

	Pre Change	Post Change
<b>Assembly Site</b>	Amkor Technology Philippine (P1/P2), INC. (ANAP)	Amkor Technology Philippine (P1/P2), INC. (ANAP)
<b>Wire material</b>	Au	Au
<b>Die attach material</b>	3230	3230
<b>Molding compound material</b>	G700L	G631HQ
<b>Lead frame material*</b>	C194	C194

\*Physical changes to lead frame material. Please see attached Pre and Post Change Summary.

**Impacts to Data Sheet:** None

**Change Impact:**None

**Reason for Change:**To improve manufacturability by qualifying a new mold compound material and lead frame design.

**Change Implementation Status:**In Progress

**Estimated First Ship Date:**July 16, 2021 (date code: 2129)

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

**Time Table Summary:**

	November 2020					-->	June 2021					July 2021			
	4	4	4	4	4		2	2	2	2	2	2	2	30	31
Workweek	5	6	7	8	9		3	4	5	6	7	8	9		
Initial PCN Issue Date		X													
Qual Report Availability									X						
Final PCN Issue Date									X						
Estimated first ship 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:****November 11, 2020:** Issued initial notification.**June 23, 2021:** Issued final notification. Attached the qualification report. Provided estimated first ship date to be on July 16, 2021.

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

## **Attachments:**

[PCN\\_ASER-05NIJV601\\_Pre and Post Change Summary.pdf](#)  
[PCN\\_ASER-05NIJV601\\_Qual\\_Report.pdf](#)

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

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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)

DSPIC33EP256MU814-E/PL  
DSPIC33EP512MU814-E/PL  
PIC24EP256GU814-E/PL  
PIC24EP512GU814-E/PL  
DSPIC33EP256MU814-E/PLVAO  
DSPIC33EP256MU814-I/PL  
DSPIC33EP512MU814-I/PL  
PIC24EP256GU814-I/PL  
PIC24EP512GU814-I/PL  
DSPIC33EP256MU814T-I/PL  
DSPIC33EP512MU814T-I/PL  
PIC24EP256GU814T-I/PL  
PIC24EP512GU814T-I/PL  
DSPIC33EP256MU814T-E/PL  
DSPIC33EP512MU814T-E/PL  
PIC24EP256GU814T-E/PL  
PIC24EP512GU814T-E/PL