



Product Change Notification / ASER-05NIJV601

Date:

11-Nov-2020

Product Category:

16-Bit - Microcontrollers and Digital Signal Controllers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4445 Initial 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_11112020.pdf](#)

[ASER-05NIJV601_Affected_CPN_11112020.csv](#)

Notification Text:

PCN Status:Initial notification.

PCN Type:Manufacturing Change

Microchip Parts Affected:Please open one of the icons found in the Affected CPNs section to the right.

NOTE: For your convenience Microchip includes identical files in two formats (.pdf and .csv).

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
Assembly Site	Amkor Technology Philippine (P1/P2), INC. (ANAP)	Amkor Technology Philippine (P1/P2), INC. (ANAP)
Wire material	Au	Au
Die attach material	3230	3230
Molding compound material	G700L	G631HQ
Lead frame material*	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 Qualification Completion Date:January 2021

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 guided in the final PCN customers may receive pre and post change parts.

Time Table Summary:

	November 2020					-->	January 2021				
	4 5	4 6	4 7	4 8	4 9		0 1	0 2	0 3	0 4	0 5
Initial PCN Issue Date		X									
Qual Report Availability									X		
Final PCN Issue Date									X		

Method to Identify Change:Traceability code

Qualification Plan:Please open the attachments included with this PCN labeled as PCN_#_Qual_Plan.

Revision History:November 11, 2020: 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_ASER-05NIJV601_Qual Plan.pdf](#)
[PCN_ASER-05NIJV601_Pre and Post Change Summary.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
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