



## Product Change Notification: DSNO-02VPGL676

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**Date:**

11-Apr-2025

**Product Category:**

Antifuse Fpgas

**Notification Subject:**

CCB 7518 Initial Notice: Qualification of ASEK as new assembly site for selected A40MX02, A40MX04, A42MX09 and A42MX16 device families available in 100L PQFP (14x20x2.7mm) package.

**Affected CPNs:**

[DSNO-02VPGL676\\_Affected\\_CPN\\_04112025.pdf](#)

[DSNO-02VPGL676\\_Affected\\_CPN\\_04112025.csv](#)

**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 ASEK as new assembly site for selected A40MX02, A40MX04, A42MX09 and A42MX16 device families available in 100L PQFP (14x20x2.7mm) package.

**Pre and Post Summary Changes:**

	Pre Change	Post Change
Assembly Site	Amkor Technology Philippine (P1/P2), INC. (ANAP)	ASE Inc. (ASEK)
Wire Material	Au	Au
Die Attach Material	3230	EN-4900F

<b>Molding Compound Material</b>	G700M		G631H
<b>Lead-Frame Material</b>	C7025		C7025
<b>Lead-Frame Paddle Size</b>	275x275 mils	315x315 mils	315x315 mils
<b>Lead Lock</b>	Yes		Yes
	See Pre and Post Change Summary comparison attachment.		

**Impacts to Datasheet:** None

**Change Impact:** None

**Reason for Change:** To improve manufacturability by qualifying ASEK as a new assembly site.

**Change Implementation Status:** In Progress

**Estimated Qualification Completion Date:** August 2025

**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.

**Timetable Summary:**

	April 2025					>	August 2025				
<b>Work Week</b>	14	15	16	17	18		31	32	33	34	35
<b>Initial PCN Issue Date</b>	X										
<b>Qual Report Availability</b>										X	
<b>Final PCN Issue Date</b>										X	

**Method to Identify Change:** Traceability Code

**Qualification Plan:** Please open the attachments included with this PCN labeled as PCN\_#\_Qual\_Plan.

**Revision History:**

April 04, 2025: Issued initial notification

April 11, 2025: Re-issued initial notification to update affected CPN list.

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

**Attachments:**

[PCN\\_DSNO-02VPGL676\\_Pre\\_and\\_Post\\_Change\\_Summary.pdf](#)

[PCN\\_DSNO-02VPGL676\\_Qualification\\_Plan.pdf](#)

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

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