



Product Change Notification / NTDO-26UFKW944

Date:

17-Mar-2022

Product Category:

Winpath Network Processors

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4644 and 4644.001 Final Notice: Qualification of an additional substrate material for selected Microsemi WP3232Mxxx, WP32C2xxx, WP32C0xxx, WP3362xxx, WP3392xxx, WP33C2xxx and WP34C2xxx device families available in 896L B1BGA (31x31x2.70mm) and 896L B2BGA (31x31x3.25mm) packages at ASE assembly site.

Affected CPNs:

[NTDO-26UFKW944_Affected_CPN_03172022.pdf](#)
[NTDO-26UFKW944_Affected_CPN_03172022.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 an additional substrate material for selected Microsemi WP3232Mxxx, WP32C2xxx, WP32C0xxx, WP3362xxx, WP3392xxx, WP33C2xxx and WP34C2xxx device families available in 896L B1BGA (31x31x2.70mm) and 896L B2BGA (31x31x3.25mm) packages at ASE assembly site.

Pre and Post Change Summary:

	Pre Change	Post Change	
Assembly Site	ASE Inc. (ASE)	ASE Inc. (ASE)	
Substrate core material	E679FGR	E679FGR	E705G
SM Material	AUS-703	AUS-703	SR7300GR-B
Bump Material	Sn1.8Ag	Sn1.8Ag	Sn1.8Ag
Die Attach Epoxy	WS446	WS446	WS446
Underfill Material	UH12	UH12	UH12
Solder Ball Material	SAC305	SAC305	SAC305
Solder Ball Flux	WF6400	WF6400	WF6400

Impacts to Data Sheet: None.

Change Impact:None.

Reason for Change:

To improve productivity by qualifying an additional substrate material.

Change Implementation Status:In Progress

Estimated First Ship Date:

September 15, 2021 (date code: 2138)

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

Time Table Summary:

	May 2021					-->	August 2021					September 2021					- - >	December 2021				
	19	20	21	22	23		32	33	34	35	36	37	38	39	40	49		50	51	52	53	
Workweek																						
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:

May 05, 2021: Issued initial notification.**August 10, 2021:** Issued final notification. Provided estimated first ship date

will be on September 15, 2021. **August 24, 2021:** Re-issued final notification to add CCB 4644.001 as internal reference. Added catalog part numbers (CPN) WP32C2M6NHEI-400B2, WP32C0W5NHEI-450B2 and WP3232M5NHEI-320B2 in affected CPN list. **March 17, 2022:** Re-issued final notification to update Pre and Post Change Summary Table.

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

Attachments:

[PCN_NTDO-26UFW944_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)

WP34C2R6EFEI450B2R
WP34C2R6NFEI450B2R
WP3232M5NELI-320B2
WP32C2A4EFEI-400B2
WP32C2M6NELI-400B2
WP32C2M6NELI-450B2
WP32C2W3EFEI-320B2
WP32C2W6NFEI-400B2
WP3362D4NFEI-320B2
WP3392D4NFEI-320B2
WP33C2A1EFEI-450B2
WP33C2D4NFEI-450B2
WP34C2R4EFEI-400B2
WP34C2R4NFEI-400B2
WP3232M6NFEI-320B2
WP32C2M6NHEI-400B2
WP32C0W5NHEI-450B2
WP3232M5NHEI-320B2