



Product Change Notification / GBNG-28ZDDO521

Date:

01-Feb-2021

Product Category:

Power Management - System Supervisors/Voltage Detectors

PCN Type:

Manufacturing Change

Notification Subject:

CCB 3788.002 Final Notice: Qualification of Lintec backside coating (BSC) material for selected Micrel MIC2782xxx device family available in 6L WLCSP (1.2x0.8x0.63mm) package at UAT assembly site.

Affected CPNs:

[GBNG-28ZDDO521_Affected_CPN_02012021.pdf](#)

[GBNG-28ZDDO521_Affected_CPN_02012021.csv](#)

Notification Text:**PCN Status:**

Final notification

PCN Type:

Manufacturing Change

Microchip Parts Affected:

Please open one of the icons found in the Affected CPNs section above.

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

Description of Change:

Qualification of Lintec backside coating (BSC) material for selected Micrel MIC2782xxx device family available in 6L WLCSP (1.2x0.8x0.63mm) package at UAT assembly site.

Pre Change:

Using Hysol CG1001 backside coating (BSC) material and 70 um backside coating (BSC) thickness.

Post Change:

Using Lintec LC2826H backside coating (BSC) material and 25 um backside coating (BSC) thickness.

Pre and Post Change Summary:

	Pre Change	Post Change
Assembly Site	Unisem Advance Tech (UAT)	Unisem Advance Tech (UAT)
Solder Ball Material	SNAC 105 (ball drop)	SNAC 105 (ball drop)
Solder Ball Size	250 um	250 um
Solder Ball Pitch	400 um	400 um
Backside Coating (BSC) Material	Hysol CG1001	Lintec LC2826H
Backside Coating (BSC) Thickness	70 um	25 um

Impacts to Data Sheet:

None

Change Impact:

None

Reason for Change:

To improve manufacturability by qualifying Lintec LC2826H backside coating (BSC) material.

Change Implementation Status:

In Progress

Estimated First Ship Date:

February 28, 2021 (date code: 2110)

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

Time Table Summary:

	February 2021				
Workweek	06	07	08	09	10
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:

February 01, 2021: Issued final notification. Attached the qualification report. Provided estimated first ship date to be on February 28, 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_GBNG-28ZDDO521_Qual_Report.pdf](#)

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

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