



Product Change Notification / GBNG-06JPSY308

Date:

08-Feb-2021

Product Category:

Switching Regulators

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4204 Final Notice: Qualification of Microchip Technology Tempe – Fab 2 (TMGR) as a new fabrication site for selected Microsemi SG1524BN, SG2524Bxx and SG3524Bxx device families available in 16L PDIP (.300in) and 16L SOIC (.300in) packages.

Affected CPNs:

[GBNG-06JPSY308_Affected_CPN_02082021.pdf](#)

[GBNG-06JPSY308_Affected_CPN_02082021.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 Microchip Technology Tempe – Fab 2 (TMGR) as a new fabrication site for selected Microsemi SG1524BN, SG2524Bxx and SG3524Bxx device families available in 16L PDIP (.300in) and 16L SOIC (.300in) packages.

Pre Change:

Fabricated at Microsemi Garden Grove Bipolar Linear Fab Line – Fab1

Post Change:

Fabricated at Microchip Technology Tempe – Fab 2

Pre and Post Change Summary:

	Pre Change	Post Change
Fabrication Site	Microsemi Garden Grove Bipolar Linear Fab Line Fab1 (MGGV)	Microchip Technology Tempe – Fab 2 (TMGR)
Wafer diameter	4 inches	8 inches
Die size	No change	No change
Quality certification	AS9100/ISO9001	ISO9001/TS16949 or IATF16949

Impacts to Data Sheet: None

Change Impact: None

Reason for Change: To improve manufacturability and on-time delivery performance by qualifying Microchip Technology Tempe – Fab 2 (TMGR) as a new fabrication site.

Change Implementation Status: In Progress

Estimated First Ship Date:

March 12, 2021 (date code: 2111)

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

Time Table Summary:

Workweek	April 2020					>	February 2021				March 2021				
	14	15	16	17	18		06	07	08	09	10	11	12	13	14
Initial PCN Issue Date			X												
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: April 14, 2020: Issued initial notification.

November 03, 2020: Re-issued initial notification to update the qualification plan.

February 08, 2021: Issued final notification. Attached is the qualification report and added the estimated first ship date by March 12, 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-06JPSY308_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)

SG3524BN

SG3524BDW

SG1524BN-12821

SG2524BN

SG2524BDW

SG2524BDW-TR

SG3524BDW-TR