



## Product Change Notification - GBNG-06JPSY308

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**Date:**

14 Apr 2020

**Product Category:****Notification subject:**

CCB 4204 Initial 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.

**Notification text:****PCN Status:**

Initial notification

**PCN Type:**

Manufacturing Change

**Microchip Parts Affected:**

Please open the attachments found in the attachments field below labeled as PCN\_#\_Affected\_CPN.

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
Assembly 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 Qualification Completion Date:**

December 2020

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:**

Workweek	April 2020					-->	December 2020			
	14	15	16	17	18		49	50	51	52
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:**

**April 14, 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.

**Attachment(s):**

- [PCN\\_GBNG-06JPSY308 Qual Plan.pdf](#)
- [PCN\\_GBNG-06JPSY308 Affected CPN.pdf](#)
- [PCN\\_GBNG-06JPSY308 Affected CPN.xlsx](#)

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.

<b>PCN_GBNG-06JPSY308</b>
<b>Affected Catalog Part Number (CPN)</b>
SG3524BN
SG3524BDW
SG1524BN-12821
SG2524BN
SG2524BDW
SG2524BDW-TR
SG3524BDW-TR