



## Product Change Notification / MFOL-24QGRK006

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### Date:

25-Jan-2024

### Product Category:

Switching Regulators

### PCN Type:

Manufacturing Change

### Notification Subject:

TRB 6802 Initial Notice: Qualification of TMGR as a new fabrication site for selected SG1525A device family available in 16L cerdip and 20L CLCC packages.

### Affected CPNs:

[MFOL-24QGRK006\\_Affected\\_CPN\\_01252024.pdf](#)  
[MFOL-24QGRK006\\_Affected\\_CPN\\_01252024.csv](#)

### Notification Text:

**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 TMGR as a new fabrication site for selected SG1525A device family available in 16L cerdip and 20L CLCC packages.

### Pre and Post Change Summary:

|  | Pre Change | Post Change |
|--|------------|-------------|
|--|------------|-------------|

|                  |  |  |
|------------------|--|--|
| Fabrication Site | Microsemi Garden Grove<br>Bipolar Linear Fab Line Fab1<br>(MGGV) | Microchip Technology Tempe –<br>Fab 2 (TMGR) |
| Wafer size       | 4 inches   | 8 inches                                     |

**Impacts to Data Sheet:**None

**Change Impact:**None

**Reason for Change:**To improve 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:**March 2024

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:**

|                          | January 2024 |        |        |        |        | > | March 2024 |    |    |    |    |
|--------------------------|--------------|--------|--------|--------|--------|---|------------|----|----|----|----|
| Workweek                 | 0<br>1       | 0<br>2 | 0<br>3 | 0<br>4 | 0<br>5 |   | 09         | 10 | 11 | 12 | 13 |
| 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:**January 25, 2024: 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.

## Attachments:

[PCN\\_MFOL-24QGRK006\\_Qual\\_Plan.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)

SG1525AL-883B

SG1525AL

SG1525AL-DESC

SG1525AJ

SG1525AJ-883B

SG1525AJ-DESC

SG1525AJ-JAN

SG1525A-13169

SG1525AF-11534

SG1525AF-DESC

SG1525AF-883B