

**Microsemi, a Microchip Company**

April 18, 2019

**Product/Process Change Notification No: PCN 2019-04-0001**

**Change Classification:** Major

**Subject:** Wafer Fab transfer from Garden Grove to Microchip Fab 2

**Description of Change:**

Transfer Fab technology from Garden Grove CA, 4" wafer to Microchip, Tempe Arizona, 8" wafer.

**Reason for Change:**

Closure of Garden Grove Wafer Fab.

**Application Impact:**

All devices to be built in Microchip Fab 2 Tempe Arizona, using the same technology as the product built in Garden Grove, but on a larger wafer.

There will be no change to product form, fit or function. Yield improvements are anticipated. Military and Space grade products will be subject to Fab and Device qualification by the US Defense Logistics Agency (DLA).

Existing inventory from the 4" wafer size for Garden Grove process is limited in availability.

**Method of Identifying Changed Product:**

Product nomenclature will remain the same. Product built at the 8" wafer location is identified and tracked internally by our WIP management system along with wafer lot # and date.

**Products Affected by this Change: List to be attached refer to page 4.**

See attached spreadsheet for specific catalog and custom products affected.

Note: This is a list of Ordering Part Numbers (OPNs) as are found in product datasheets. Customers may track additional part number variants in their systems, so please consider this a base part list.

### **Production Shipment Schedule:**

Product going through the fab transfer is planned to ship no sooner than **October 2019** for commercial products and **January 2020** for military and space grade products, unless customer waives the notification period.

During a transition period, customers may see shipments with either location while any existing inventory of parts is depleted.

### **Qualification Data:**

“Commercial qualification data is available by Oct 2019 and QML Q qualification data is available by Jan 2020”

### **Samples Availability:**

Please contact your local Microchip representative to place sample orders.

### **Contact Information**

*Tim Donovan*

Sr. Director Business Operations

[timothy.donovan@microchip.com](mailto:timothy.donovan@microchip.com)

Office: +1 978.620.2462

Mobile: 781.856.0574

[www.microchip.com](http://www.microchip.com)

Any projected dates in this PCN are based on the most current product information at the time this PCN is being issued, but they may change due to unforeseen circumstances. For the latest schedule and any other information, please contact your local Microsemi Sales Office, the factory contact shown above, or your local distributor.

This Product/Process Change Notification is confidential and proprietary information of Microsemi and is intended only for distribution by Microsemi to its customers, for customers' use only. It must not be copied or provided to any third party without Microsemi's prior written consent.

## CHANGE APPROVAL SUPPLEMENT

### Customer Acknowledgement / Approval for Product/Process Change Notification No: <Number>

Microsemi Corporation intends to implement this change 90 days after this notification. Acknowledgement of your company's acceptance of this change is requested per contractual agreement. Response within 30 days is required.

Accepted

Rejected

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name

\_\_\_\_\_  
Title

**Please enter rationale for rejection, if applicable:**

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**Part Numbers Affected:**

SG1524B-12889  
SG1524BJ  
SG1524BJ-13059  
SG1524BJ-13167  
SG1524BJ-883B  
SG1524BJ-DESC  
SG1524BL-883B  
SG1524J  
SG1524J-883B  
SG1524J-DESC  
SG1524J-JAN  
SG1525A-13169  
SG1525AF-11534  
SG1525AJ  
SG1525AJ-883B  
SG1525AJ-DESC  
SG1525AJ-JAN  
SG1525AL  
SG1525AL-883B  
SG2524BDW  
SG2524BDW-TR  
SG2524BN  
SG2524D  
SG2524J  
SG2524N  
SG2525ADW  
SG2525AN  
SG3524BDW  
SG3524BDW-TR  
SG3524BN  
SG3524D  
SG3524D-TR  
SG3524J  
SG3524N  
SG3524N-11483  
SG3525ADW  
SG3525ADW-TR  
SG3525AN