

## Microsemi, a Microchip Company

November 13, 2020 – PCN2019-04-0001D (Remove commercial part numbers from this communication and updated qualification dates)

April 16, 2020 – PCN2019-04-0001C (Updated with most current part number information)

March 10, 2020 – PCN2019-04-0001B (Updated with Qualification dates)

November 9, 2019 - PCN2019-04-0001A (Updated with most current part number information)

April 18, 2019 - PCN2019-04-0001 (Initial release)

**Product/Process Change Notification No: PCN2019-04-0001D**

**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 **July 2021** 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:**

QML Q qualification data is available by July, 2021

**Samples Availability:**

Please contact your local Microchip representative to place sample orders.

**Contact Information**

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

DPG Product Group / SG Product Line  
Microchip Corporation

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: PCN2019-04-0001D**

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:**

Microchip Part Number	DLA Part Number
SG1843L	-
SG1843L-883B	-
SG1843L-DESC	5962-86704022A
SG1843L-TR	-
SG1843Y	-
SG1843Y-883B	-
SG1843Y-DESC	5962-8670402PA
SG117AHVG-DESC	7703407TA
SG117AHVIG-DESC	7703407UA
SG117HVG-DESC	7703402TA
SG117HVIG-DESC	7703402UA
SG117HVK-DESC	7703402YA
SG117AHVT-DESC	7703407XA
SG117HVT-883B	-
SG117HVT-DESC	7703402XA
SG1524BJ	-
SG1524BJ-13167	-
SG1524BJ-883B	-
SG1524BJ-DESC	5962-8764501EA
SG2524BJ	-
SG1524J	-
SG1524J-883B	-
SG1524J-DESC	7802801EA
SG1524J-JAN	M38510/12601BEA
SG2524J	-
SG3524J	-
SG1525AF-883B	-
SG1525AF-DESC	5962-8951101FA
SG1525AJ	-
SG1525AJ-883B	-
SG1525AJ-DESC	5962-8951101EA
SG1525AJ-JAN	M38510/12602BEA
SG1525AL	-
SG1525AL-883B	-
SG1525AL-DESC	-
SG1526BJ	-
SG1526BJ-883B	-
SG1526BJ-DESC	8551501VA

<b>SG1526BJ-JAN</b>	<b>M38510/12603BVA</b>
<b>SG1526BL</b>	-
<b>SG1526BL-883B</b>	-
<b>SG1526J</b>	-
<b>SG1526J-10654</b>	-
<b>SG1526J-883B</b>	-
<b>SG1844F-DESC</b>	<b>5962-8670403HA</b>
<b>SG1844J</b>	-
<b>SG1844J-883B</b>	-
<b>SG1844J-DESC</b>	<b>5962-8670403CA</b>
<b>SG1844L</b>	-
<b>SG1844L-883B</b>	-
<b>SG1844L-DESC</b>	<b>5962-86704032A</b>
<b>SG1844Y</b>	-
<b>SG1844Y-883B</b>	-
<b>SG1844Y-DESC</b>	<b>5962-8670403PA</b>
<b>SG7812AL-883B</b>	-
<b>SG7812AL-DESC</b>	<b>5962-87776012A</b>
<b>SG7812AT</b>	-
<b>SG7812AT-883B</b>	-
<b>SG7812AT-DESC</b>	<b>5962-8777601XA</b>
<b>SG7812L-883B</b>	-
<b>SG7812T</b>	-
<b>SG7812T-883B</b>	-
<b>SG7812T-JAN</b>	<b>M38510/10703BXA</b>
<b>UC1845AY</b>	-