

Microsemi, a Microchip Company

May 13, 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: PCN2019-04-0001C

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 **September 2020** for commercial products and **December 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 Sept. 2020 and QML Q qualification data is available by Dec. 2020”

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: PCN2019-04-0001C

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:

Part Numbers Affected:

SG1843L
SG1843L-883B
SG1843L-DESC
SG1843L-TR
SG1843Y
SG1843Y-883B
SG1843Y-DESC
SG2843D
SG2843DM
SG2843DM-TR
SG2843D-TR
SG117AHVG-DESC
SG117AHVIG-DESC
SG117HVG-DESC
SG117HVIG-DESC
SG117HVK-DESC
SG117AHVT-DESC
SG117HVT-883B
SG117HVT-DESC
SG1524BJ
SG1524BJ-13167
SG1524BJ-883B
SG1524BJ-DESC
SG1524BN-12821
SG2524BDW
SG2524BDW-TR
SG2524BJ
SG2524BN
SG3524BDW
SG3524BDW-TR
SG3524BN
SG1524J
SG1524J-883B
SG1524J-DESC
SG1524J-JAN
SG2524J
SG2524N
SG3524D
SG3524D-TR
SG3524J
SG3524N-11483
SG1525AF-883B
SG1525AF-DESC
SG1525AJ
SG1525AJ-883B
SG1525AJ-DESC
SG1525AJ-JAN
SG1525AL
SG1525AL-883B
SG1525AL-DESC
SG2525ADW
SG2525ADW-TR

SG3525AN
SG1526BJ
SG1526BJ-883B
SG1526BJ-DESC
SG1526BJ-JAN
SG1526BL
SG1526BL-883B
SG2526BDW
SG2526BDW-TR
SG2526BN
SG3526BDW
SG3526BDW-TR
SG3526BN
SG1526J
SG1526J-10654
SG1526J-883B
SG2526DW
SG2526N
SG3526DW
SG3526DW-TR
SG3526N
SG1844F-DESC
SG1844J
SG1844J-883B
SG1844J-DESC
SG1844L
SG1844L-883B
SG1844L-DESC
SG1844Y
SG1844Y-883B
SG1844Y-DESC
SG7812AL-883B
SG7812AL-DESC
SG7812AT
SG7812AT-883B
SG7812AT-DESC
SG7812L-883B
SG7812T
SG7812T-883B
SG7812T-JAN
UC1845AY