Microsemi, a Microchip Company

October 18, 2019

Product/Process Change Notification No: PCN 2019-04-0001A (updated)

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 **March 2020** for commercial products and **June 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 Mar 2020 and QML Q qualification data is available by Jun 2020”

Samples Availability:

Please contact your local Microchip representative to place sample orders.

Contact Information

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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

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Signature Date

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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 |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
| SG117HVT-DESC |  | SG2023J-883B |
| SG117G-DESC |  | SG2023J-DESC |
| SG117IG-883B |  | SG2023L-883B |
| SG117IG-DESC |  | SG2803DW |
| SG117K |  | SG2803J |
| SG117K-883B |  | SG2803J-883B |
| SG117K-DESC |  | SG2803J-DESC |
| SG117K-JAN |  | SG2803J-JAN |
| SG117HVG-DESC |  | SG2803L |
| SG117HVIG-DESC |  | SG2803L-883B |
| SG117HVK-DESC |  | SG2803L-DESC |
| SG2003J-JAN |  | SG2813J |
| SG2003L-883B |  | SG2813J-13175 |
| SG2013J-883B |  | SG2813J-883B |
| SG2023DW |  | SG2813L-883B |
| SG2023J |  | SG2823J |
| SG117L |  | SG2823J-13176 |
| SG117L-DESC |  | SG2823J-883B |
| SG117T |  | SG2823J-DESC |
| SG117T-883B |  | SG2823L |
| SG117T-DESC |  | SG2823L-883B |
| SG117T-JAN |  | SG2823L-DESC |
| SG1548-12507 |  | SG2813L-12947 |
| SG1548F-883B |  | SG2823J-12899 |
| SG2003DW |  | SG2823L-13034 |
| SG2003J |  | SG7912AT |
| SG2003J-883B |  | SG7912AT-883B |
| SG7812AT-883B |  | SG7912AT-DESC |
| SG7812AT-DESC |  | SG7912T |
| SG7812T |  | SG7912T-883B |
| SG7812T-883B |  | SG7912T-JAN |
| SG7812T-JAN |  | SG1548J |
|  |  | SG1548J-883B |
|  |  | SG1548J-DESC |
|  |  | SG1548L |
|  |  | SG1548L-883B |
|  |  | SG1548L-TR |
|  |  | SG2548DW |
|  |  | SG2548DW-TR |
|  |  | SG2548N |
|  |  | SG3548DW |
|  |  | SG3548N |
|  |  | SG7812AT |