

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

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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:

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