
PRODUCT CHANGE NOTICE

Wafer Size Conversion for the Listed Intersil Products

**Refer to:
PCN14023**

Date: May 07, 2014

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To: Our Valued Intersil Customer

Subject: **Wafer Size Conversion of Intersil's HVSIGATE Technology;** *Intersil Palm Bay, Florida*

This notice is to inform you that Intersil is converting the HVSIGATE technology from 4" (100mm) to 6" (150mm) at the Palm Bay, FL facility. The Intersil Palm Bay facility is ISO 14001, ISO 9001:2008, ISO/TS 16949:2009 and QML certified. The conversion of the wafer diameter provides improved capability, capacity and continuity of supply for our customers. As of the date of this notice, the qualification activities are in progress and expected to complete in December 2014.

The wafer fabrication qualification plan is designed using both Commercial (JEDEC) and MIL-PRF-38535 to confirm there is no impact to form, fit, function, or interchangeability of the product. The qualification plan is included with this notification on the next page. The remainder of the manufacturing operations (assembly and test) will continue to be processed to previously established locations, conditions and systems.

Product affected by this change is identifiable via Intersil's internal traceability system

Intersil will take all necessary actions to conform to agreed upon customer requirements and to ensure the continued high quality and reliability of Intersil products being supplied. Customers may expect to receive product manufactured from either 4" (100mm) or 6" (150mm) wafers beginning ninety days from the date of this notification or upon successful completion of qualification activities.

If you have concerns with this notice, Intersil must hear from you promptly. Please contact the nearest Intersil Sales Office or call the Intersil Corporate line at 1-888-468-3774, in the United States, or 1-321-724-7143 outside of the United States.

Regards,



Jeff Touvell
Intersil Corporation

PCN14023

CC: M. Morrison D. Decrosta M. Carmody R. Pitts

PCN14023 Qualification Plan

Stress / Conditions	Duration	DG403DYZ 16 lead SOIC	DG406DJZ 28 lead PDIP	DG406DYZ 28 lead SOICW
Moisture Sensitivity Classification		N = 44 Acc = 0 L3 PBFREE	N/A	N = 44 Acc = 0 L3 PBFREE
High Temperature Operating Life T _A = +125C	1000 Hrs	N = 234 Acc = 0	N/A	N = 156 Acc = 0
Unbiased HAST +130C / 85% RH	96 Hrs	N = 78 Acc = 0	N = 78 Acc = 0	N = 78 Acc = 0
Temp Cycle +150C / -65C	500 Cy	N = 78 Acc = 0	N = 78 Acc = 0	N = 78 Acc = 0
Temperature Humidity Bias +85C / 85% RH	1000 Hrs	N = 78 Acc = 0	N/A	N/A
High Temperature Storage T _A = +150C	1000 Hrs	N = 78 Acc = 0	N = 78 Acc = 0	N = 78 Acc = 0

Stress / Conditions	Duration	DG408DJZ 16 lead PDIP	DG408DVZ 16 lead TSSOP	5962-9204201MEA 16 lead Cerdip
Moisture Sensitivity Classification		N/A	N = 44 Acc = 0 L1 PBFREE	N/A
High Temperature Operating Life T _A = +125C	1000 Hrs	N/A	N/A	N = 45 ¹ Acc = 0
Unbiased HAST +130C / 85% RH	96 Hrs	N = 78 Acc = 0	N = 78 Acc = 0	N/A
Temp Cycle +150C / -65C	500 Cy	N = 78 Acc = 0	N = 78 Acc = 0	N/A
Temperature Humidity Bias +85C / 85% RH	1000 Hrs	N = 78 Acc = 0	N = 78 Acc = 0	N/A
High Temperature Storage T _A = +150C	1000 Hrs	N = 78 Acc = 0	N = 78 Acc = 0	N/A

Note 1: Group C life test (per MIL-PRF-38535)

Products Affected – PCN14023

5962-9073101MEA	DG407DYZ	DG411DJZ	DG441DVZ
5962-9204201MEA	DG407DYZ-T	DG411DVZ	DG441DVZ-T
5962-9204201MEAS2035	DG407DYZ-TS2705	DG411DVZ-T	DG441DYZ
DG401DVZ	DG408DJZ	DG411DYZ	DG441DYZ-T
DG401DVZ-T	DG408DVZ	DG411DYZ-T	DG442DJZ
DG401DYZ	DG408DVZ-T	DG412DJZ	DG442DVZ
DG401DYZ-T	DG408DVZ-TR5321	DG412DVZ	DG442DVZ-T
DG403DVZ	DG408DVZ-TS2568	DG412DVZ-T	DG442DYZ
DG403DVZ-T	DG408DYZ	DG412DVZ-TR5321	DG442DYZ-T
DG403DYZ	DG408DYZ-T	DG412DYZ	DG444DVZ
DG403DYZ-T	DG409DJZ	DG412DYZ-T	DG444DVZ-T
DG403DYZ-TS2457	DG409DVZ	DG413DJZ	DG444DYZ
DG403W	DG409DVZ-T	DG413DVZ	DG444DYZ-T
DG406DJZ	DG409DVZ-TR5321	DG413DVZ-T	DG445DVZ
DG406DYZ	DG409DYZ	DG413DYZ	DG445DVZ-T
DG406DYZ-T	DG409DYZ-T	DG413DYZ-T	DG445DYZ
DG407DJZ	DG411AK/883	DG441DJZ	DG445DYZ-T