

Product Change Notice (PCN)

Subject: Wafer Size Conversion for the Listed Intersil Products

Publication Date: 1/8/2016

Effective Date: 4/8/2016

Revision Description:

Initial Release

Description of Change:

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. Products impacted by the change are identified below:

5962-9073101MEA 5962-9204201MEAS2035
 5962-9204201MEA DG411AK/883

Reason for Change:

The conversion of the wafer diameter provides improved capability, capacity and continuity of supply for our customers. The Intersil Palm Bay facility is ISO 14001, ISO 9001:2008, ISO/TS 16949:2009 and QML certified.

Impact on fit, form, function, quality & reliability:

The wafer fabrication qualification plan is designed using MIL-PRF-38535 subgroup requirements to confirm there is no impact to form, fit, function, or interchangeability of the product. The qualification results are included below. The remainder of the manufacturing operations (assembly and test) will continue to be processed to previously established locations, conditions and systems.

Reliability Test	Subgroup B1	Subgroup B2	Subgroup B2	Subgroup B3	Subgroup C1
	Resistance to Solvents. MIL-PRF-38535 Group B Test Method 2015.	Die Shear Test or Stud Pull. MIL-PRF-38535 Group B Test Method 2019 or 2027	Wire Bond strength. MIL-PRF-38535 Group B Test Method 2011. 22 wires from 4 devices	Solderability Lead Finish. MIL-PRF-38535 Group B Test Method 2003	Steady State Life. MIL-PRF-38535 Group C Test Method 1005.
5962-9204201MEA 16 LEAD CERDIP - Silver Glass	ss=3 3 lots Results: Pass	ss=3 3 lots Results: Pass	ss=22 3 lots Results: Pass	ss=22 (22 leads from 3 devices) 3 lots Results: Pass	ss=45 3 lots Results: Pass

Product Identification:

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

Qualification status: Complete, see attached

Sample availability: 1/8/2016

Device material declaration: Available upon request

Questions or requests pertaining to this change notice, including additional data or samples, must be sent to Intersil within 30 days of the publication date.

For additional information regarding this notice, please contact your regional change coordinator (below)			
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