

Product Change Notification - JAON-17JDAV819

Date: 23 Jan 2015

Product Category: Supertex

Notification subject: CCB 1409.06 Final Notice - Additional Fabrication Site: Qualification of an additional fabrication site for HV9910B, HV9910, HV9911, HV9930, HV9931 and HV9961 Supertex device families.

Notification text: **PCN Status:**

Final notification

Microchip Parts Affected:

See attachments of affected catalog part numbers (CPN) labeled as...

PCN_JAON-17JDAV819_Affected_CPN.xls

PCN_JAON-17JDAV819_Affected_CPN.pdf

Description of Change:

Qualification of an additional fabrication site for HV9910B, HV9910, HV9911, HV9930, HV9931 and HV9961 Supertex device families.

Pre Change:

Fabricated at SPTX fab site.

Post Change:

Fabricated at Microchip FAB2 fab site.

Impacts to Data Sheet:

No

Reason for Change:

To improve productivity as part of the integration of Supertex and Microchip.

NOTE: SPTX will no longer have the ability to start additional wafers as of Q4 of CY14.

Change Implementation Status:

Complete

Estimated First Ship Date:

February 23, 2015 (date code: 1509)

NOTE: Please be advised that after the estimated first ship date customers may receive pre and post change parts.

Markings to Distinguish Revised from Unrevised Devices:

Traceability code

Revision History:

July 15, 2014: Issued initial notification as PCN number JAON-15TRYZ317.

August 14, 2014: Revised the initial notification by revising the CPN list to include all parts that are moving to FAB2, adding the note after the reason for change, and revising the customer letter to show that Supertex customers may register for Microchip's PCN email service.

January 23, 2015: Issued final notification. Attached the Qualification Report. Updated Impacts to Data Sheet from TBD to No. Revised the estimated first ship date from September 12, 2014 to February 23, 2015.

The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable products.

Attachment(s): [PCN_JAON-17JDAV819_Qual_Report.pdf](#) [PCN_JAON-17JDAV819_Affected_CPN.pdf](#) [PCN_JAON-17JDAV819_Affected_CPN.xls](#)

Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.

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PCN_JAON-17JDAV819
CATALOG_PART_NBR
HV9910BLG-G
HV9910BLG-G-S373
HV9910BNG-G
HV9910BNG-G-M901
HV9910BNG-G-M934
HV9910BNW
HV9911NG-G
HV9911NG-G-M901
HV9911NG-G-M934
HV9930LG-G
HV9931LG-G
HV9931LG-G-S350
HV9961LG-G
HV9961NG-G
HV9961NG-G-M901
HV9961NG-G-M934



PCN #: JAON-17JDAV819

**Date:
January 19, 2015**

**Qualification of an additional fabrication site for HV9910B,
HV9910, HV9911, HV9930, HV9931 and HV9961 Supertex
device families.**

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QUALIFICATION DATA

Infant Mortality Life / Early Life Failure Rate

Test Method	JESD22-A 108
Test Condition	95°C ambient / 96 hours (note a)
Sample Size (250 ea)	(Fail/Pass)
Lot 1	0/250

^a Ambient Temperature of 95°C for the calculated junction temperature of 147°C.

High Temperature Operating Life

Test Method	JESD22-A 108
Test Condition	95°C ambient / 1000 hours (note a)
Sample Size (45 ea. min)	(Fail/Pass)
Lot 1	0/45

^a Ambient Temperature of 95°C for the calculated junction temperature of 147°C.

ESD

Test	Reference Method	Sample Size	Result
ESD – HBM	JESD22-A114	Lot 1 = 3ea	±2000V & ±750V ^b @ 25°C
Latch-up	JESD78	Lot 1 = 6ea	Pass @ 25°C

^b +/-2000V to GND on Pins with ESD protection & +/-750V to GND on Pins without ESD protection