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Final notification**Microchip Parts Affected:**

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

PCN_JAON-09YLCR509_Affected_CPN.xls

PCN_JAON-09YLCR509_Affected_CPN.pdf

Description of Change:

Qualification of an additional fabrication site for HV300, HV310, HV311, PS10, SR086 and SR087 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:

April 03, 2015 (date code: 1514)

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.**March 24, 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 April 03, 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-09YLCR509_Qual_Report.pdf](#)
[PCN_JAON-09YLCR509_Affected_CPN.pdf](#)
[PCN_JAON-09YLCR509_Affected_CPN.xls](#)Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.**Terms and Conditions:**If you wish to change your product/process change notification (PCN) profile please log on to our website at <http://www.microchip.com/PCN> sign into myMICROCHIP to open the myMICROCHIP home page, then select a profile option from the left navigation bar.To opt out of future offer or information emails (other than product change notification emails), click here to go to [microchipDIRECT](#) and login, then click on the "My account" link, click on "Update profile" and un-check the box that states "Future offers or information about Microchip's products or services."



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PCN #: JAON-09YLCR509

**Date:
January 16, 2015**

**Qualification of an additional fabrication site for HV300,
HV310, HV311, PS10, SR086 and SR087 Supertex device
families.**

QUALIFICATION DATA

Infant Mortality Life / Early Life Failure Rate

Test Method	JESD22-A 108
Test Condition	125°C / 96 hours
Sample Size (250 ea)	(Fail/Pass)
Lot 1	0/250

High Temperature Operating Life

Test Method	JESD22-A 108
Test Condition	125°C / 1000 hours
Sample Size (45 ea. min)	(Fail/Pass)
Lot 1	0/45

ESD

Test	Reference Method	Sample Size	Result
ESD – HBM	JESD22-A114	Lot 1 = 3ea	±1000V @ 25°C
Latch-up	JESD78	Lot 1 = 6ea	Pass @ 25°C

PCN_JAON-09YLCR509
CATALOG_PART_NBR
HV300LG-G
HV310LG-G
HV311LG-G
PS10NG-G
PS10NG-G-M905
SR086SG-G
SR087SG-G