

Product Change Notification - JAON-08BFYG446

Date: 18 Feb 2015

Notification subject: CCB 1409.11 Final Notice - Additional Fabrication Site: Qualification of an additional fabrication site for HV2201, HV2301, HV2605, HV2705, HV2706, HV2221 and HV2321 Supertex device families.

Notification text: **PCN Status:**
Final notification

Microchip Parts Affected:
See attachments of affected catalog part numbers (CPN) labeled as...
PCN_JAON-08BFYG446_Affected_CPN.xls
PCN_JAON-08BFYG446_Affected_CPN.pdf

Description of Change:
Qualification of an additional fabrication site for HV2201, HV2301, HV2605, HV2705, HV2706, HV2221 and HV2321 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:
March 18, 2015 (date code: 1512)

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.
February 18, 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 March 18, 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-08BFYG446_Qual Report.pdf
PCN_JAON-08BFYG446_Affected_CPN.pdf
PCN_JAON-08BFYG446_Affected_CPN.xls

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

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PCN #: JAON-08BFYG446

**Date:
February 03, 2015**

**Qualification of an additional fabrication site for HV2201,
HV2301, HV2605, HV2705, HV2706, HV2221 and HV2321
Supertex device families.**

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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 ^a

^a Pre & Post testing was conducted at room temperature, ~25°C.

High Temperature Operating Life

Test Method	JESD22-A 108
Test Condition	125°C / 500 hours
Sample Size (45 ea. min)	(Fail/Pass)
Lot 1	0/45 ^a

^a Pre & Post testing was conducted at room temperature, ~25°C.

ESD

Test	Reference Method	Sample Size	Result
ESD – HBM	JESD22-A114	Lot 1 = 3ea	±2000V & ±750V ^b
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

PCN_JAON-08BFYG446
CATALOG PART NBR
HV2201FG-G
HV2201FG-G-M931
HV2201PJ-G
HV2201PJ-G-M904
HV2301FG-G
HV2301FG-G-M931
HV2301PJ-G
HV2605FG-G
HV2706FG-G
HV2705FG-G
HV2705FG-G-M931
HV2221FG-G
HV2321FG-G