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Product Change Notification - JAON-22RSAK218 (Printer Friendly)

Date: 06 Mar 2015

Notification subject: CCB 1409.14 Final Notice - Additional Fabrication Site: Qualification of an additional fabrication site for HV518, HV57009, HV57708, HV57908, HV6810, HV9308, HV9408 and HV9808 Supertex device families

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

Microchip Parts Affected:

See attachments of affected catalog part numbers (CPN) labeled as...
PCN_JAON-22RSAK218_Affected_CPN.xls
PCN_JAON-22RSAK218_Affected_CPN.pdf

Description of Change:

Qualification of an additional fabrication site for HV518, HV57009, HV57708, HV57908, HV6810, HV9308, HV9408 and HV9808 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 30, 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 06, 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 30, 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-22RSAK218_Qual_Report.pdf](#)
[PCN_JAON-22RSAK218_Affected_CPN.pdf](#)
[PCN_JAON-22RSAK218_Affected_CPN.xls](#)

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

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PCN #: JAON-22RSAK218

**Date:
FEBRUARY 26, 2015**

**Qualification of an additional fabrication site for HV518,
HV57009, HV57708, HV57908, HV6810, HV9308, HV9408 and
HV9808 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 / 1000 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	±1000V ^a
Latch-up	JESD78	Lot 1 = 6ea	Pass @ 25°C

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

PCN_JAON-22RSAK218
CATALOG_PART_NBR
HV518P-G
HV518P-G-S313
HV518PJ-G
HV518PJ-G-M903
HV57009PG-G-S236
HV57708PG-G
HV57908PG-G
HV6810WG-G
HV9308PG-G
HV9308PJ-G
HV9408PG-G
HV9408PJ-G
HV9808PJ-G