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Product Change Notification - JAON-27SYLL740

Date: 06 Dec 2016
Product Category: Memory
Notification subject: CCB 2743 Initial Notice: Qualification of 35.8K process technology for selected products of the 25xx128 and 25xx256 device families available in 8L SOIJ and 8L SOIC packages.
Notification text: **PCN Status:**
Initial notification

Microchip Parts Affected:

Please open the attachments found in the attachments field below labeled as PCN_#_Affected_CPN.

NOTE: For your convenience Microchip includes identical files in two formats (.pdf and .xls).

Description of Change:

Qualification of 35.8K process technology for selected products of the 25xx128 and 25xx256 device families available in 8L SOIJ and 8L SOIC packages.

Pre Change:

Available in 160K wafer technology fabricated at Microchip fabrication sites FAB2 and FAB4 (Tempe, AZ and Gresham, OR, USA) using 8 inch wafers

Post Change:

Available in 160K wafer technology fabricated at Microchip fabrication sites FAB2 and FAB4 (Tempe, AZ and Gresham, OR, USA) using 8 inch wafers or available in 35.8K wafer technology fabricated at FAB 5 (Colorado Springs, CO, USA) using 6 inch wafers

Pre and Post Change Summary:

	Pre Change	Post Change	
Wafer Technology	160K wafer technology	160K wafer technology	35.8K wafer technology
Fabrication Location	Microchip Fabrication Sites FAB 2 and FAB4 (Tempe, AZ and Gresham, OR, USA)	Microchip Fabrication Sites FAB 2 and FAB4 (Tempe, AZ and Gresham, OR, USA)	FAB 5 (Colorado Springs, CO USA)
Wafer Diameter	8 inches (200 mm)	8 inches (200 mm)	6 inches (150 mm)
Quality certification	ISO/TS16949	ISO/TS16949	ISO9001/TS16949

Impacts to Data Sheet:

None

Change Impact:

None

Reason for Change:

To improve manufacturability by qualifying an additional fabrication site.

Change Implementation Status:
In Progress

Estimated Qualification Completion Date:
January 2017

NOTE:

1. In order to receive products only fabricated with the current 160K process please use the revised part number identified with RVA added to the end of the part number (see example below).

Standard Part Number: 25xx128x-x/xx or 25xx256x-x/xx
Revised Part Number (160K only): 25xx128x-x/xxRVA or 25xx256x-xx/xxRVA

2. Please be advised the qualification completion times may be extended because of unforeseen business conditions however implementation will not occur until after qualification has completed and a final PCN has been issued. The final PCN will include the qualification report and estimated first ship date.

Time Table Summary:

Workweek	December 2016					->	January 2017			
	48	49	50	51	52		01	02	03	04
Initial PCN Issue Date		X								
Qual Report Availability							X			
Final PCN Issue Date							X			

Method to Identify Change:
Traceability code

Qualification Plan:
Please open the attachments included with this PCN labeled as PCN_#_Qual Plan.

Revision History:
December 6, 2016: Issued initial notification.

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-27SYLL740_Qual Plan.pdf](#)
 - [PCN_JAON-27SYLL740_Affected CPN.pdf](#)
 - [PCN_JAON-27SYLL740_Affected CPN.xls](#)

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Affected Catalog Part Numbers (CPN)

PCN_JAON-27SYLL740
CATALOG_PART_NBR
25AA256-I/SM
25AA256-I/SN
25AA256T-I/SM
25AA256T-I/SN
25LC256-E/SM
25LC256-E/SN
25LC256-I/SM
25LC256-I/SN
25LC256T-E/SM
25LC256T-E/SN
25LC256T-I/SM
25LC256T-I/SN
25AA128-I/SM
25AA128-I/SN
25AA128T-I/SM
25AA128T-I/SN
25LC128-E/SM
25LC128-E/SN
25LC128-I/SM
25LC128-I/SN
25LC128T-E/SM
25LC128T-E/SN
25LC128T-I/SM
25LC128T-I/SN