



## Product Change Notification - KSRA-03KOWN490

**Date:**

17 Apr 2018

**Product Category:**

Memory

**Affected CPNs:****Notification subject:**

CCB 2982 Final Notice: Qualification of 36.3K process technology for selected products of the 24AAx and 24LCxx device families available in 8L DFN package.

**Notification text:****PCN Status:**

Final notification.

**PCN Type:**

Manufacturing Change

**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 36.3K process technology for selected products of the 24AAx and 24LCxx device families available in 8L DFN package.

**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 36.3K wafer technologies fabricated at FAB 5 (Colorado Springs, CO, USA) using 6 inch wafers

**Pre and Post Change Summary:**

	Pre Change	Post Change	
<b>Wafer Technology</b>	160K wafer technology	160K wafer technology	36.3K wafer technology
<b>Fabrication Location</b>	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)
<b>Wafer Diameter</b>	8 inches (200 mm)	8 inches (200 mm)	6 inches (150 mm)
<b>Quality certification</b>	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 First Ship Date:**

May 17, 2018 (date code: 1820)

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

**Time Table Summary:**

	August 2017					-->	April 2018				May 2018				
Workweek	31	32	33	34	35		14	15	16	17	18	19	20	21	22
Initial PCN Issue Date			X												
Qual Report Availability									X						
Final PCN Issue Date									X						
Estimated Implementation Date													X		

**Method to Identify Change:**

Traceability code

**Qualification Report :**

Please open the attachments included with this PCN labeled as PCN\_#\_Qual Report.

**Revision History:**

**August 14, 2017:** Issued initial notification.

**April 17, 2018:** Issued final notification. Attached the Qualification Report. Provided estimated first ship date on May 17, 2018.

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\\_KSRA-13IMFW140\\_Qual Report.pdf](#)

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Affected Catalog Part Numbers (CPN)

24AA01HT-I/MNY  
24AA01T-I/MNY  
24AA02HT-I/MNY  
24AA02T-I/MNY  
24AA04HT-I/MNY  
24AA04T-I/MNY  
24LC01BHT-I/MNY  
24LC01BT-I/MNY  
24LC02BHT-I/MNY  
24LC02BT-I/MNY  
24LC04BHT-I/MNY  
24LC04BT-I/MNY