



Product Change Notification - LIAL-19WSIK731

Date:

06 Jan 2020

Product Category:

Memory

Affected CPNs:**Notification subject:**

Memo # ML032019005L: Final Notice: Qualification of 36.3K process technology for selected Microchip products of the 24xx01, 24xx02, and 24xx04 extended grade device families.

Notification text:**PCN Status:**

Final notification

PCN Type:

Manufacturing Change

Microchip Parts Affected:

Please open one of the icons found in the Affected CPNs section above.

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 Microchip products of the 24xx01, 24xx02, and 24xx04 extended grade device families.

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 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	36.3K 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 First Ship Date:

March 2, 2019 (date code: 2010)

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

Time Table Summary:

Workweek	January 2020					->	March 2020				
	01	02	03	04	05		18	19	20	21	22
Final PCN Issue Date		X									
Qual Report Availability		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:

January 06, 2020: Issued final notification. Attached the qualification report. Provided estimated first ship date to be on March 2, 2020

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_LIAL-19WSIK731_QUAL_REPORT.pdf](#)

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

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Affected Catalog Part Numbers (CPN)

24LC04B-E/MS
24LC04B-E/MC
24LC04B-E/SN
24LC04B-E/P
24LC04B-E/ST
24LC04BT-E/MNY
24LC04BT-E/MS
24LC04BT-E/MC
24LC04BT-E/SN
24LC04BT-E/ST
24LC04BT-E/OT
24LC04BH-E/MS
24LC04BH-E/SN
24LC04BH-E/P
24LC04BH-E/ST
24LC04BHT-E/MNY
24LC04BHT-E/MS
24LC04BHT-E/SN
24LC04BHT-E/ST
24LC04BHT-E/OT
24LC01B-E/MS
24LC01B-E/MC
24LC01B-E/SN
24LC01B-E/P
24LC01B-E/ST
24LC01BT-E/MNY
24LC01BT-E/MS
24LC01BT-E/MC
24LC01BT-E/LT
24LC01BT-E/SN
24LC01BT-E/ST
24LC01BT-E/OT
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24LC02BT-E/MS
24LC02BT-E/MC
24LC02BT-E/LT
24LC02BT-E/SN
24LC02BT-E/ST
24LC02BT-E/OT
24LC01BH-E/MS
24LC01BH-E/SN
24LC01BH-E/P

24LC01BH-E/ST
24LC01BHT-E/MNY
24LC01BHT-E/MS
24LC01BHT-E/LT
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24LC01BHT-E/ST
24LC01BHT-E/OT
24LC02BH-E/MS
24LC02BH-E/SN
24LC02BH-E/P
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