



Product Change Notification - LIAL-30DTSS543

Date:

03 Feb 2020

Product Category:

Memory

Affected CPNs:**Notification subject:**

Memo # ML01202000QB: Final Notice: New silicon mask set with design and layout changes for selected Microchip products of the AT24C16D device family.

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:

New silicon mask set with design and layout changes for selected Microchip products of the AT24C16D device family

Pre Change:

Manufactured using 36316 Rev A0 mask on 36.3K wafer technology fabricated at Microchip fabrication sites FAB 5 (Colorado Springs, CO, USA) using 6 inch wafers.

Post Change:

Manufactured using 363V4 rev A2 mask on 36.3K wafer technology fabricated at Microchip fabrication site FAB 5 (Colorado Springs, CO, USA) using 6 inch wafers or manufactured using 36316 Rev A0 mask on 36.3K wafer technology fabricated at Microchip fabrication site FAB 5 (Colorado Springs, CO, USA) using 6 inch wafers.

Pre and Post Change Summary:

	Pre Change	Post Change	
Wafer Mask	36316 Rev A0	363V4 Rev A2	36316 Rev A0
Wafer Technology	36.3K wafer technology	36.3K wafer technology	
Fabrication Location	FAB 5 (Colorado Springs, CO USA)	FAB 5 (Colorado Springs, CO USA)	
Wafer Diameter	6 inches (150 mm)	6 inches (150 mm)	
Quality certification	ISO/TS16949	ISO9001/TS16949	



Impacts to Data Sheet:

None

Change Impact:

None

Reason for Change:

to improve manufacturability by qualifying a new silicon mask set with design and layout changes.

Change Implementation Status:

In Progress

Estimated First Ship Date:

April 15, 2020 (date code: 2016)

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

Time Table Summary:

	February 2020				->	April 2020				
Workweek	06	07	08	09		14	15	16	17	18
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:

February 3, 2020: Issued final notification. Attached the qualification report. Provided estimated first ship date to be on April 15, 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-30DTSS543_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)

AT24C16D-MAHM-E

AT24C16D-MAHM-T

AT24C16D-PUM

AT24C16D-SSHM-B

AT24C16D-SSHM-T

AT24C16D-STUM-T

AT24C16D-XHM-B

AT24C16D-XHM-T