



Change Notice Form

Change Notice # PCN040	Date of Notice 04/30/2019	Distribution: <input checked="" type="checkbox"/> General <input type="checkbox"/> Customer Specific Post Change Notice to Website? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no
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Title: One layer mask change for production test yield improvement; 16 Mbit DataFlash Products AT45DB161E and AT45DQ161

Products Affected: See Appendix I for a list of complete part numbers. Contact pcn@adestotech.com for an .XLS download of affected part numbers.

Change Type: <input type="checkbox"/> Document only <input type="checkbox"/> Mat'l/Composition <input type="checkbox"/> Manufacturing Process <input type="checkbox"/> Manufacturing Location <input type="checkbox"/> Quality/Reliability <input type="checkbox"/> Logistics <input type="checkbox"/> Design <input type="checkbox"/> EOL/Product Discontinuance <input checked="" type="checkbox"/> Other
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Qualification Report Available: 4/30/2019 <input type="checkbox"/> not applicable
Product Sample: 5/15/2019 <input type="checkbox"/> not applicable
Target Production Release: 8/31/2019

Last Time Buy: <input type="text" value="Click here to enter a date."/> <input checked="" type="checkbox"/> not applicable
Last Time Ship Date: <input type="text" value="Click here to enter a date."/> <input checked="" type="checkbox"/> not applicable

Sites Affected: <input checked="" type="checkbox"/> None	Description:
Impact on Quality and Reliability: <input checked="" type="checkbox"/> None	Description:
Traceability of Change: <input type="checkbox"/> not applicable <input type="checkbox"/> Product Mark <input type="checkbox"/> Date Code	
<input checked="" type="checkbox"/> Lot number traceability	



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Description of Change:

A single layer mask change has been incorporated on the die of the affected product(s) to improve the yield at cold temperature test.

No other change to product performance, fit or function or the production test flow and program has been made.

There is no change to the datasheet specification.

Production samples of this new revision product are available upon request. Submit all requests for samples, test reports and other information to pcn@adestotech.com.

Customer orders may be serviced with product containing either the original or new design revision. Identification of the revision level is based on the lot number located on the backside of the unit. Contact pcn@adestotech.com for lot traceability.

Address all inquiries, including acceptance of this change, requests for qualification data and/or product samples to PCN@adestotech.com

Adesto will deem this change accepted, unless specific written conditions of acceptance are provided by the customer, within 30 days from the date of this notice. Adesto reserves the right to ship either the original version or the new version of the affected product after the Target Production Release Date specified in this notice.

APPENDIX I Affected Products

Affected part numbers:

This notification affects all AT45DB161E and AT45DQ161 base part number options including customer specific ordering codes (CAN) and Special Lots codes (SL) numbers. Contact Adesto pcn@adestotech.com for information on part numbers not shown in this document.

Part Number consolidation:

Part Numbers containing a 'D' suffix character denominating 2.5V minimum VCC operation will be consolidated with and replaced by the part numbers that contain the 'F' suffix denominating 2.3V Minimum VCC operation.

The 2.3V 'F' and 2.5V 'D' grade parts are identical in all respects including device design, die revision, assembly and test, form, fit and function.

See table herein for a list of common part numbers affected by this notification.



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Part Number	New Ordering Part Number
AT45DB161E-DWF	no change
AT45DB161E-MHF2B-T	no change
AT45DB161E-MHF-T	no change
AT45DB161E-MHF-Y	no change
AT45DB161E-SHF2B-T	no change
AT45DB161E-SHF-B	no change
AT45DB161E-SHFHA-T	no change
AT45DB161E-SHFHC-T	no change
AT45DB161E-SHF-T	no change
AT45DB161E-SSHF2B-T	no change
AT45DB161E-SSHF-B	no change
AT45DB161E-SSHFHA-T	no change
AT45DB161E-SSHFHC-T	no change
AT45DB161E-SSHF-T	no change
AT45DB161E-UUF2B-T	no change
AT45DB161E-UUF-T	no change
AT45DQ161-MHF2B-T	no change
AT45DQ161-MHF-T	no change
AT45DQ161-MHF-Y	no change
AT45DQ161-SHF2B-T	no change
AT45DQ161-SHF-B	no change
AT45DQ161-SHFHB-T	no change
AT45DQ161-SHFHD-T	no change
AT45DQ161-SHF-T	no change
AT45DQ161-SSHF2B-T	no change
AT45DQ161-SSHF-B	no change
AT45DQ161-SSHFHB-T	no change
AT45DQ161-SSHFHD-T	no change
AT45DQ161-SSHF-T	no change

Part Number	New Ordering Part Number
AT45DB161E-SSHD-T	AT45DB161E-SSHF-T
AT45DB161E-SSHD-B	AT45DB161E-SSHF-B
AT45DB161E-SSHD2B-T	AT45DB161E-SSHF2B-T
AT45DB161E-SHD-T	AT45DB161E-SHF-T
AT45DB161E-SHD-B	AT45DB161E-SHF-B
AT45DB161E-SHD2B-T	AT45DB161E-SHF2B-T
AT45DB161E-MHD-Y	AT45DB161E-MHF-Y
AT45DB161E-MHD-T	AT45DB161E-MHF-T
AT45DB161E-MHD2B-T	AT45DB161E-MHF2B-T