



Change Notice Form

Change Notice # PCN041	Date of Notice 05/23/2019	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
---------------------------	------------------------------	--

Title: One layer mask Change for production test yield improvement; 32 Mbit DataFlash Products AT45DB321E and AT45DQ321

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
--

Qualification Report Available: 5/20/2019 <input type="checkbox"/> not applicable
Product Sample: 6/30/2019 <input type="checkbox"/> not applicable
Target Production Release: 8/31/2019

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

This change does not affect any change to the datasheet, form, fit, function or reliability of the product. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



Change Notice Form

Description of Change:

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

The single layer mask change increases the time delay between the initial power-on reset threshold and readiness to operate at the extreme cold temperature from 85us to 105us. This change improves the in-line cold temperature production test yield for improved leadtime, delivery to our customer and cost control.

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

Contact PCN@adestotech.com for production samples, test reports or additional information.

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.

Affected part numbers:

This notification affects all AT45DB321E and AT45DQ321 base part number options including customer specific ordering codes (CAN) and Special Lots codes (SL) numbers. Contact [Adesto pcn@adestotech.com](mailto:pcn@adestotech.com) for information on part numbers not shown in this document.

See Appendix I for a list of common part numbers affected by this notification.

There is no change to the part ordering code or physical marking of the product.

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.



Change Notice Form

APPENDIX I Affected Products

Part Number Affected

AT45DB321E-DWF

AT45DB321E-MHF2B-T

AT45DB321E-MHF-T

AT45DB321E-MHF-Y

AT45DB321E-MWHF2B-T

AT45DB321E-MWHF-T

AT45DB321E-MWHF-Y

AT45DB321E-SHF2B-T

AT45DB321E-SHF-B

AT45DB321E-SHFCN-B

AT45DB321E-SHFCN-T

AT45DB321E-SHFHA-T

AT45DB321E-SHFHC-T

AT45DB321E-SHFHQ-T

AT45DB321E-SHF-T

AT45DQ321-MHF2B-T

AT45DQ321-MHFHJ-T

AT45DQ321-MHFHK-T

AT45DQ321-MHF-T

AT45DQ321-MHF-Y

AT45DQ321-MWHF2B-T

AT45DQ321-MWHFHJ-T

AT45DQ321-MWHFHK-T

AT45DQ321-MWHF-T

AT45DQ321-MWHF-Y

AT45DQ321-SHF2B-T

AT45DQ321-SHF-B

AT45DQ321-SHFHB-T

AT45DQ321-SHFHJ-T

AT45DQ321-SHFHK-T

AT45DQ321-SHF-T