



Change Notice Form

Change Notice # PCN 053	Date of Notice 6/25/2021	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:UMC 8D Wafer Fabrication Facility for All AT45DB321E Products

Products Affected: See Appendix I for a list of complete part numbers. Contact https://www.dialog-semiconductor.com/company/inquiry for an .XLS download of affected part numbers.
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Change Type: <input type="checkbox"/> Document only <input type="checkbox"/> Mat'l/Composition <input type="checkbox"/> Manufacturing Process <input checked="" type="checkbox"/> Manufacturing Location <input type="checkbox"/> Quality/Reliability <input type="checkbox"/> Logistics <input type="checkbox"/> Design <input type="checkbox"/> EOL/Product Discontinuance <input type="checkbox"/> Other
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Qualification Report Available: 11/1/2021 <input type="checkbox"/> not applicable
Product Sample: 9/1/2021 <input type="checkbox"/> not applicable
Target Production Release: 12/1/2021

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 affects datasheet, form, fit, function or reliability of the product
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable



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Description of Change:

This product is currently manufactured at UMC Fab 8S (Taiwan). As part of a capacity expansion program, Dialog will add UMC Fab 8D (Taiwan) as a wafer fabrication facility for all AT45DB321E family of devices as shown in Appendix 1.

The UMC Fab 8D facility will manufacture the parts to the same datasheet specification as the current UMC Fab 8S. No Datasheet changes are being implemented as a result of this manufacturing location update. UMC Fab 8D parts will be compatible in form, fit, and function to the UMC Fab 8S.

- Assembly and test locations will remain unchanged.
- Ordering codes will remain unchanged See Appendix 1.
- Traceability of this change notice will be managed through the manufacturing LOT code only.

Address all inquiries, including acceptance of this change, requests for qualification data and/or product samples to <https://www.dialog-semiconductor.com/company/inquiry>

Dialog Semiconductor 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. Dialog Semiconductor 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.



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APPENDIX I Affected Products

Part Number	Part Number	Part Number
AT45DB321E-SHF-T	AT45DB321E-SHF-B	AT45DB321E-SHF2B-T
AT45DB321E-SHFHC-T	AT45DB321E-SHFHA-T	AT45DB321E-DWF
AT45DB321E-MWHF-Y	AT45DB321E-MWHF-T	AT45DB321E-MWHF2B-T
AT45DB321E-MHF-Y	AT45DB321E-MHF-T	AT45DB321E-MHF2B-T
AT45DB321E-SHFKA-T		
AT45DQ321-SHF-T	AT45DQ321-SHF-B	AT45DQ321-SHF2B-T
AT45DQ321-MWHF-Y	AT45DQ321-MWHF-T	AT45DQ321-MWHF2B-T
AT45DQ321-MHF-Y	AT45DQ321-MHF-T	AT45DQ321-MHF2B-T
Please contact https://www.dialog-semiconductor.com/company/inquiry for AT45DB321E part numbers not listed.		