

PCN / EOL Notification

Product Change Notification Number: PDF021

Notification Date: 30 Oct 2014

Title: 64-Mbit DataFlash [®] (AT45DB641E) Wafer Manufacturing Plant Addition				
Product Identification: All wafer and package options of the Industrial Temperature grade (-40°C to +85°C) AT45DB641E.				
Reason for Change: ☐ Material / Composition ☐ Design / Firmware ☒ Manufacturing Location ☐ Processing / Manufacturing ☐ Logistics ☐ Quality / Reliability				
Change Description: Adesto has added UMC Fab 8S (Taiwan) as a wafer fabrication facility for the 64Mbit DataFlash AT45DB641E family of devices. The UMC Fab 8S facility will manufacture the parts to the same datasheet specification as the current UMC Fab 8D (Taiwan) manufacturing facility. No datasheet changes are being implemented as a result of this manufacturing location update. UMC Fab 8S parts will be compatible in form, fit, and function to the UMC Fab 8D material. Ordering codes will remain unchanged as shown in Table 1 below. UMC Fab 8S is already the wafer fabrication facility for multiple of Adesto's devices, including the AT25DF256, AT25DF512C, AT25DF011, AT25DN256, AT25DN512C, AT25DN011, 25DF021A, AT45DB161E, and AT45DB321E. UMC Fab 8S will be used as additional wafer fabrication facility for more of the existing Adesto products in the future.				
Table 1				
Part Number	Samples Availability	Production	Package Type	Carrier Type
45DB641E-CCUN2B-T	Contact Adesto Sales	02 Feb 2015	9-ball 3 x 3 mm UBGA	T for Tape/Reel
45DB641E-CCUN-T	Contact Adesto Sales	02 Feb 2015	9-ball 3 x 3 mm UBGA	T for Tape/Reel
45DB641E-MHN2B-T	Contact Adesto Sales	02 Feb 2015	8-pad, 5 x 6 x 0.6 mm UDFN	T for Tape/Reel
45DB641E-MHN-T	Contact Adesto Sales	02 Feb 2015	8-pad, 5 x 6 x 0.6 mm UDFN	T for Tape/Reel
45DB641E-MHN-Y	Use 45DB641E-MHN-T for samples	01 Feb 2015	8-pad, 5 x 6 x 0.6 mm UDFN	Y for Tray
45DB641E-MWHN2B-T	Contact Adesto Sales	02 Feb 2015	8-pad, 6 x 8 x 1.0 mm VDFN	T for Tape/Reel
45DB641E-MWHN-T	Contact Adesto Sales	02 Feb 2015	8-pad, 6 x 8 x 1.0 mm VDFN	T for Tape/Reel
45DB641E-MWHN-Y	Use 45DB641E-MWHN-T for samples	02 Feb 2015	8-pad, 6 x 8 x 1.0 mm VDFN	Y for Tray
45DB641E-SHN2B-T	Contact Adesto Sales	02 Feb 2015	S = 8-lead, 0.208" wide SOIC	T for Tape/Reel
45DB641E-SHN-B	Available	02 Feb 2015	S = 8-lead, 0.208" wide SOIC	B for Bulk (Tubes)
45DB641E-SHN-T	Contact Adesto Sales	02 Feb 2015	S = 8-lead, 0.208" wide SOIC	T for Tape/Reel
45DB641E-UUN2B-T	Contact Adesto Sales	02 Feb 2015	WLCSP	T for Tape/Reel
Qualification Data: ☒ Available ☐ Will be available (mm/dd/yr): ☐ Not Applicable				
Samples: ☒ Available ☒ Will be available (mm/dd/yr): See Table 1 above. ☐ Not Applicable				
Quantifiable Impact on Quality & Reliability: None.				
Forecasted Availability Date: See Table 1 above.				
Adesto Contact: PCNsupport@adestotech.com				

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Company: Name: Title: Date: Email Address: Location: Comments:	
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