

## Product Change Notification

Product Change Notification Number: PDF-032

Notification Date: August 01, 2017

<b>Title: Manufacturing Capacity Expansion for the 8-contact, 6 x 8mm, Very Thin Dual Flat No Lead Package (VDFN)</b>			
<b>Product Identification:</b> Specific Adesto products offered in the 6x8 mm VDFN package (part number package suffix 'MW'). See Table I for a complete list of affected Adesto part numbers.			
Reason For Change	<input checked="" type="checkbox"/> Capacity Expansion	<input checked="" type="checkbox"/> Design	<input checked="" type="checkbox"/> Manufacturing Location
	<input type="checkbox"/> Material / Composition	<input type="checkbox"/> Processing/Manufacturing	<input type="checkbox"/> Quality & Reliability
<b>Change Description:</b> Addition of a qualified subcontractor for assembly and final electrical test services for products offered in the VDFN 6x8 mm package selection to further expand capacity.  <i>NO external package dimensional changes, that would affect PCB board layout or device functionality, occur with this change (see Figure 1 for package thermal pad dimensions).</i>			
<b>Quantifiable Impact on Quality &amp; Reliability:</b> No change in Quality or Reliability Affected products remain Form, Fit and Functionally compatible with the same products assembled in existing facilities. There is no impact on product availability or pricing			
<b>Facility and Location:</b>		Greatek Zhunan, Taiwan	
<b>Certification:</b>		ISO 9001, ISO/TS16949 & ISO 14001	
<b>Affected Products:</b>		See Table I of this Notice	
<b>Last Time Buy:</b> <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Applicable			
<b>Implementation Date:</b> See Table I			
<b>Identification:</b> <input type="checkbox"/> Date Code <input checked="" type="checkbox"/> Assembly ID Part Marking (backside) <input type="checkbox"/> Ordering Part Number			
Qualification Report: <input type="checkbox"/> Available Now <input checked="" type="checkbox"/> See Table I for availability <input type="checkbox"/> Not Applicable  <i>Request the qualification report at <a href="mailto:pcn@adestotech.com">pcn@adestotech.com</a></i>			
Product Samples: <input type="checkbox"/> Available Now <input checked="" type="checkbox"/> See Table I for availability <input type="checkbox"/> Not Applicable  <i>To order samples, message <a href="mailto:pcn@adestotech.com">pcn@adestotech.com</a> or contact an authorized distributor or Adesto manufacturing Representative.</i>			
<b>CUSTOMER ACKNOWLEDGEMENT OF RECEIPT:</b> Adesto requests your acknowledgement of the receipt of this Notice. Please email to <a href="mailto:PCN@adestotech.com">PCN@adestotech.com</a> to grant approval or request additional information. <b>Adesto will deem this change accepted unless specific conditions of acceptance are received via an email addressed to <a href="mailto:PCN@adestotech.com">PCN@adestotech.com</a> within 30 days from the date of this notice.</b>			

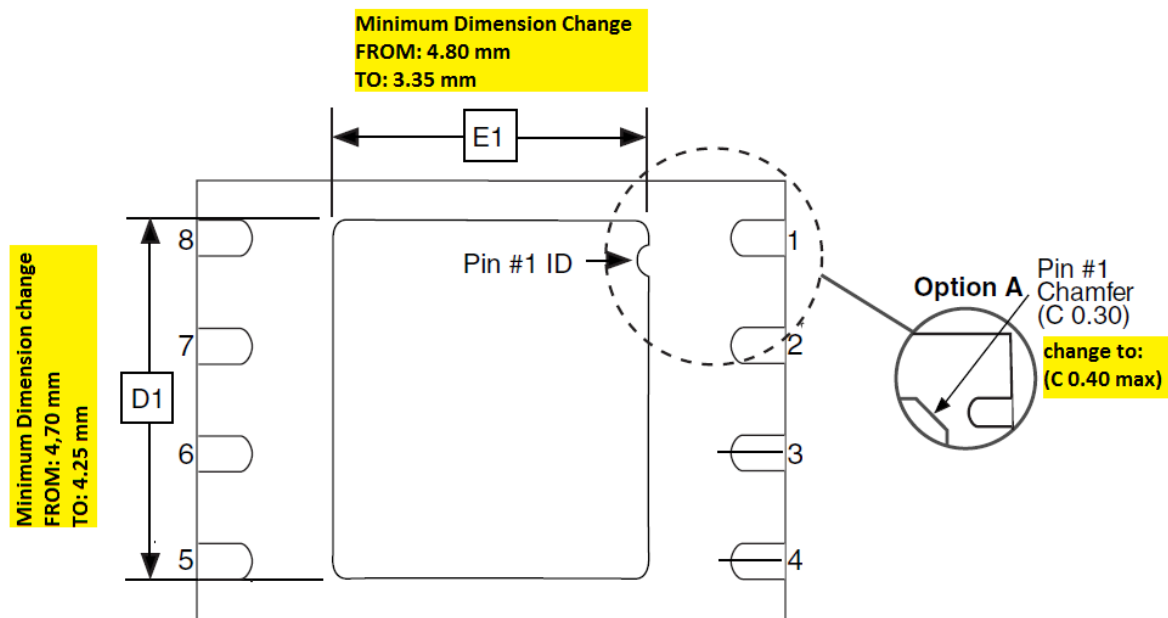
**FIGURE 1 PACKAGE DIMENSIONAL CHANGES (published datasheet updated)**

NO critical external package dimensional changes.

The minimum dimensions of the thermal pad have reduced as shown below.

Impact to board layout: NONE

These changes have no impact on board layout due to industry standard recommendation not to run PCB traces under the pad area.



**Table 1: Affected Part Numbers**

Datasheet Part Number	Samples Available	Qualification Report Available	Production Implementation Date
AT45DB321E-MWHF-Y	Sep 30, 2017	October 1, 2017	December 1, 2017
AT45DB321E-MWHF-T	Sep 30, 2017	October 1, 2017	December 1, 2017
AT45DB321E-MWHF2B-T	Sep 30, 2017	October 1, 2017	December 1, 2017
AT45DQ321-MWHF-Y	Sep 30, 2017	October 1, 2017	December 1, 2017
AT45DQ321-MWHF-T	Sep 30, 2017	October 1, 2017	December 1, 2017
AT45DQ321-MWHF2B-T	Sep 30, 2017	October 1, 2017	December 1, 2017
AT45DQ321-MWHFHJ-T	Sep 30, 2017	October 1, 2017	December 1, 2017
AT45DQ321-MWHFHK-T	Sep 30, 2017	October 1, 2017	December 1, 2017
AT45DB641E-MWHN-Y	Sep 30, 2017	October 1, 2017	December 1, 2017
AT45DB641E-MWHN-T	Sep 30, 2017	October 1, 2017	December 1, 2017
AT45DB641E-MWHN2B-T	Sep 30, 2017	October 1, 2017	December 1, 2017