



## Product Change Notification PDF-SF026

Date: April 6, 2016  
 Title: Capacity Expansion for the .208" Wide SOIC Product Package

Adesto products that are available in the .208" SOIC package (Small Outline Integrated Circuit) *Reference Table I herein for a complete listing of affected products.*

### Reason for Change

|   |  |  |
|---|--|--|
| Material Composition <input type="checkbox"/>       | Design/Firmware <input type="checkbox"/> | Manufacturing Location <input checked="" type="checkbox"/> |
| Processing / Manufacturing <input type="checkbox"/> | Logistics <input type="checkbox"/>       | Quality/Reliability <input type="checkbox"/>               |

### Change Description

Adesto Technologies will be transferring additional products to its qualified subcontractor for assembly and final electrical test services to further expand capacity and meet demand in accordance with customer expectations.

|                                 |                                   |
|---------------------------------|-----------------------------------|
| Facility & Location             | Greatek<br>Zhunan, Taiwan         |
| Certification                   | ISO 9001, ISO/TS16949 & ISO 14001 |
| Affected product package styles | .208" Wide 8-SOIC                 |

### Support Information

|   |   |  |
|---|---|--|
| Last Time Buy Date:   | Not Applicable <input checked="" type="checkbox"/>                  | Applicable <input type="checkbox"/>  |
| Impact of Change:   | None <input checked="" type="checkbox"/>                            | Quality <input type="checkbox"/> Performance <input type="checkbox"/>  |
| Implementation Date:  | See Table I   |  |
| Identification:   | Date Code <input type="checkbox"/>                                  | Assembly ID part mark (backside) <input checked="" type="checkbox"/> Ordering Part No <input type="checkbox"/> |
| Qualification Report:   | Will be available (see Table I) <input checked="" type="checkbox"/> | Available now <input type="checkbox"/> Not applicable <input type="checkbox"/>                                 |
| <i>Qualification reports are available upon request (contact <a href="mailto:pcn@adestotech.com">pcn@adestotech.com</a>)</i>  |   |  |
| Product Samples:  | Will be Available (see Table I) <input checked="" type="checkbox"/> | Available now <input type="checkbox"/> Not applicable <input type="checkbox"/>                                 |
| <i>To order samples, contact an authorized Adesto distributor or Adesto Manufacturing Representative or via the Adesto Samples Portal available @ <a href="http://www.adestotech.com/contact-support/sample-request/">http://www.adestotech.com/contact-support/sample-request/</a></i> |   |  |

- i. The devices listed in table 1 remain Form, Fit and Functionally compatible with the same products assembled in existing facilities.
- ii. There is no change to the datasheet electrical or mechanical specifications
- iii. There is no impact on product availability or pricing

Email [pcn@adestotech.com](mailto:pcn@adestotech.com) to acknowledge receipt of this Notification and/or accept changes of this Notification  
*Adesto will deem this change accepted unless specific conditions of acceptance are provided in writing within 30 days from the date of this notice.*

**TABLE I Affected Products**

| Product Number      | Description                           | Qualification Report Available | Product Samples Available | Implementation Date |
|---------------------|---------------------------------------|--------------------------------|---------------------------|---------------------|
| AT25SF041-SHD-T     | 8-SOIC (0.208" WIDE), IND TEMP, T&R   | 15-Jun-16                      | 18-Apr-16                 | 1-Aug-16            |
| AT25SF041-SHD-B     | 8-SOIC (0.208" WIDE), IND TEMP, TRAY  | 15-Jun-16                      | Order above p/n -T        | 1-Aug-16            |
| AT25SF081-SHD-T     | 8-SOIC (0.208" WIDE), IND TEMP, T&R   | 15-Jun-16                      | 18-Apr-16                 | 1-Aug-16            |
| AT25SF081-SHD-B     | 8-SOIC (0.208" WIDE), IND TEMP, TRAY  | 15-Jun-16                      | Order above p/n -T        | 1-Aug-16            |
| AT25SF161-SHD-T     | 8-SOIC (0.208" WIDE), IND TEMP, T&R   | 15-Jun-16                      | 18-Apr-16                 | 1-Aug-16            |
| AT25SF161-SHD-B     | 8-SOIC (0.208" WIDE), IND TEMP, TRAY  | 15-Jun-16                      | Order above p/n -T        | 1-Aug-16            |
| AT25SF321-SHD-T     | 8-SOIC (0.208" WIDE), IND TEMP, T&R   | 15-Jun-16                      | 18-Apr-16                 | 1-Aug-16            |
| AT25SF321-SHD-B     | 8-SOIC (0.208" WIDE), IND TEMP, TRAY  | 15-Jun-16                      | Order above p/n -T        | 1-Aug-16            |
| AT25SF041-SHDHR-T   | 8-SOIC (0.208" WIDE), HIGH TEMP, T&R  | 15-Jun-16                      | Contact Factory           | 1-Sep-16            |
| AT25SF041-SHDHR-B   | 8-SOIC (0.208" WIDE), HIGH TEMP, TRAY | 15-Jun-16                      | Contact Factory           | 1-Sep-16            |
| AT45DB021E-SHN-T    | 8-SOIC (0.208" WIDE), IND TEMP, T&R   | 15-Jun-16                      | 18-Apr-16                 | 1-Aug-16            |
| AT45DB021E-SHN-B    | 8-SOIC (0.208" WIDE), IND TEMP, TRAY  | 15-Jun-16                      | Order above p/n -T        | 1-Aug-16            |
| AT45DB021E-SHN2B-T  | 8-SOIC (0.208" WIDE), IND TEMP, T&R   | 15-Jun-16                      | 18-Apr-16                 | 1-Aug-16            |
| AT45DB021E-SHNHA-T  | 8-SOIC (0.208" WIDE), IND TEMP, T&R   | 15-Jun-16                      | 18-Apr-16                 | 1-Aug-16            |
| AT45DB021E-SHNHC-T  | 8-SOIC (0.208" WIDE), IND TEMP, T&R   | 15-Jun-16                      | 18-Apr-16                 | 1-Aug-16            |
| AT45DB041E-SHN-T    | 8-SOIC (0.208" WIDE), IND TEMP, T&R   | 15-Jun-16                      | 18-Apr-16                 | 1-Aug-16            |
| AT45DB041E-SHN-B    | 8-SOIC (0.208" WIDE), IND TEMP, TRAY  | 15-Jun-16                      | Order above p/n -T        | 1-Aug-16            |
| AT45DB041E-SHN2B-T  | 8-SOIC (0.208" WIDE), IND TEMP, T&R   | 15-Jun-16                      | 18-Apr-16                 | 1-Aug-16            |
| AT45DB041E-SHNHA-T  | 8-SOIC (0.208" WIDE), IND TEMP, T&R   | 15-Jun-16                      | 18-Apr-16                 | 1-Aug-16            |
| AT45DB041E-SHNHC-T  | 8-SOIC (0.208" WIDE), IND TEMP, T&R   | 15-Jun-16                      | 18-Apr-16                 | 1-Aug-16            |
| AT45DB041E-SHNHT-T  | 8-SOIC (0.208" WIDE), HIGH TEMP, T&R  | 15-Jun-16                      | Contact Factory           | 1-Sep-16            |
| AT45DB081E-SHN-T    | 8-SOIC (0.208" WIDE), IND TEMP, T&R   | 15-Jun-16                      | 18-Apr-16                 | 1-Aug-16            |
| AT45DB081E-SHN-B    | 8-SOIC (0.208" WIDE), IND TEMP, TRAY  | 15-Jun-16                      | Order above p/n -T        | 1-Aug-16            |
| AT45DB081E-SHN2B-T  | 8-SOIC (0.208" WIDE), IND TEMP, T&R   | 15-Jun-16                      | 18-Apr-16                 | 1-Aug-16            |
| AT45DB081E-SHNHA-T  | 8-SOIC (0.208" WIDE), IND TEMP, T&R   | 15-Jun-16                      | 18-Apr-16                 | 1-Aug-16            |
| AT45DB081E-SHNHC-T  | 8-SOIC (0.208" WIDE), IND TEMP, T&R   | 15-Jun-16                      | 18-Apr-16                 | 1-Aug-16            |
| AT45DB161E-SHD-T    | 8-SOIC (0.208" WIDE), IND TEMP, T&R   | 15-Jun-16                      | 18-Apr-16                 | 1-Aug-16            |
| AT45DB161E-SHD-B    | 8-SOIC (0.208" WIDE), IND TEMP, TRAY  | 15-Jun-16                      | Order above p/n -T        | 1-Aug-16            |
| AT45DB161E-SHD2B-T  | 8-SOIC (0.208" WIDE), IND TEMP, T&R   | 15-Jun-16                      | 18-Apr-16                 | 1-Aug-16            |
| AT45DB161E-SHF-T    | 8-SOIC (0.208" WIDE), IND TEMP, T&R   | 15-Jun-16                      | 18-Apr-16                 | 1-Aug-16            |
| AT45DB161E-SHF-B    | 8-SOIC (0.208" WIDE), IND TEMP, TRAY  | 15-Jun-16                      | Order above p/n -T        | 1-Aug-16            |
| AT45DB161E-SHF2B-T  | 8-SOIC (0.208" WIDE), IND TEMP, T&R   | 15-Jun-16                      | 18-Apr-16                 | 1-Aug-16            |
| AT45DB161E-SHFHA-T  | 8-SOIC (0.208" WIDE), IND TEMP, T&R   | 15-Jun-16                      | 18-Apr-16                 | 1-Aug-16            |
| AT45DB161E-SHFHC-T  | 8-SOIC (0.208" WIDE), IND TEMP, T&R   | 15-Jun-16                      | 18-Apr-16                 | 1-Aug-16            |
| AT45DB321E-SHF-T    | 8-SOIC (0.208" WIDE), IND TEMP, T&R   | 15-Jun-16                      | 18-Apr-16                 | 1-Aug-16            |
| AT45DB321E-SHF-B    | 8-SOIC (0.208" WIDE), IND TEMP, TRAY  | 15-Jun-16                      | Order above p/n -T        | 1-Aug-16            |
| AT45DB321E-SHF2B-T  | 8-SOIC (0.208" WIDE), IND TEMP, T&R   | 15-Jun-16                      | 1-Apr-16                  | 1-Aug-16            |
| AT45DB321E-SHFHA-T  | 8-SOIC (0.208" WIDE), IND TEMP, T&R   | 15-Jun-16                      | 1-Apr-16                  | 1-Aug-16            |
| AT45DB321E-SHFHC-T  | 8-SOIC (0.208" WIDE), IND TEMP, T&R   | 15-Jun-16                      | 1-Apr-16                  | 1-Aug-16            |
| AT45DB321E-SHFHCN-T | 8-SOIC (0.208" WIDE), IND TEMP, T&R   | 15-Jun-16                      | Contact Factory           | 1-Sep-16            |
| AT45DQ161-SHF-B     | 8-SOIC (0.208" WIDE), IND TEMP, T&R   | 15-Jun-16                      | Contact Factory           | 1-Sep-16            |
| AT45DQ161-SHF-T     | 8-SOIC (0.208" WIDE), IND TEMP, T&R   | 15-Jun-16                      | Contact Factory           | 1-Sep-16            |
| AT45DQ161-SHF2B-T   | 8-SOIC (0.208" WIDE), IND TEMP, T&R   | 15-Jun-16                      | Contact Factory           | 1-Sep-16            |
| AT45DQ161-SHFHD-T   | 8-SOIC (0.208" WIDE), IND TEMP, T&R   | 15-Jun-16                      | Contact Factory           | 1-Sep-16            |
| AT45DQ161-SHFHB-T   | 8-SOIC (0.208" WIDE), IND TEMP, T&R   | 15-Jun-16                      | Contact Factory           | 1-Sep-16            |

|                   |                                     |           |                 |          |
|-------------------|-------------------------------------|-----------|-----------------|----------|
| AT45DQ321-SHF-B   | 8-SOIC (0.208" WIDE), IND TEMP, T&R | 15-Jun-16 | Contact Factory | 1-Sep-16 |
| AT45DQ321-SHF-T   | 8-SOIC (0.208" WIDE), IND TEMP, T&R | 15-Jun-16 | Contact Factory | 1-Sep-16 |
| AT45DQ321-SHF2B-T | 8-SOIC (0.208" WIDE), IND TEMP, T&R | 15-Jun-16 | Contact Factory | 1-Sep-16 |

Table 1 Notes:

- a. Table 1 lists all active part numbers shown in the current Datasheets.
- b. This PCN affects all part numbers shown in table 1 plus any unique customer codes, SL codes, QS codes, and CAN codes for the devices shown in the 8pin SOIC 208mil package that are not listed in the table above.
- c. Please contact Adesto if your specific part number of interest is not shown. [pcn@adestotech.com](mailto:pcn@adestotech.com).
- d. Please go to <https://www.samplecomponents.com/scripts/samplecenter.dll?adestotech?cmd=menu> to order samples. Please contact [sample@adestotech.com](mailto:sample@adestotech.com) for sample questions.

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