



# Product Change Notification

Product Change Notification Number: NC104601

Notification Date: December 2, 2010

<b>Title:</b> Moisture Sensitivity Level 1 For Automotive Devices In SO 8 Leads Package																								
<b>Product Identification:</b> Applicable part numbers: <table border="0"> <tr> <td>ATtiny25-15SZ</td> <td>ATtiny45-15SZ</td> <td>ATtiny85-15SZ</td> </tr> <tr> <td>ATtiny25-15ST1</td> <td>ATtiny45-15ST1</td> <td>ATtiny85-15ST1</td> </tr> <tr> <td>ATtiny25-15ST</td> <td>ATtiny45-15ST</td> <td>ATtiny85-15ST</td> </tr> <tr> <td>ATtiny25V-15ST</td> <td>ATtiny45V-15ST</td> <td>ATtiny85V-15ST</td> </tr> <tr> <td>ATtiny25EDP-15ST1</td> <td>ATtiny45MAH-15ST</td> <td></td> </tr> <tr> <td>ATtiny25MAG-15SZ</td> <td></td> <td></td> </tr> <tr> <td>ATtiny25MAI-15ST1</td> <td></td> <td></td> </tr> </table>				ATtiny25-15SZ	ATtiny45-15SZ	ATtiny85-15SZ	ATtiny25-15ST1	ATtiny45-15ST1	ATtiny85-15ST1	ATtiny25-15ST	ATtiny45-15ST	ATtiny85-15ST	ATtiny25V-15ST	ATtiny45V-15ST	ATtiny85V-15ST	ATtiny25EDP-15ST1	ATtiny45MAH-15ST		ATtiny25MAG-15SZ			ATtiny25MAI-15ST1		
ATtiny25-15SZ	ATtiny45-15SZ	ATtiny85-15SZ																						
ATtiny25-15ST1	ATtiny45-15ST1	ATtiny85-15ST1																						
ATtiny25-15ST	ATtiny45-15ST	ATtiny85-15ST																						
ATtiny25V-15ST	ATtiny45V-15ST	ATtiny85V-15ST																						
ATtiny25EDP-15ST1	ATtiny45MAH-15ST																							
ATtiny25MAG-15SZ																								
ATtiny25MAI-15ST1																								
<b>Reason for Change:</b>	<input type="checkbox"/> 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																					
<b>Change Description:</b> Atmel is upgrading the moisture sensitivity level for SO 8 leads automotive Microcontrollers from level 3 to level 1. As a consequence dry packing will no longer be applied. Shelf storage time will be unlimited under environmental conditions specified in JESD20. Specific lead frame design, roughness treatment and cleaning have been selected in order to achieve the upper class performance.																								
<b>Identification Method to Distinguish Change:</b> From Date Code 1105 onwards.																								
<b>Qualification Data:</b>	<input checked="" type="checkbox"/> Available	<input type="checkbox"/> Will be available (mm/dd/yr):	<input type="checkbox"/> Not Applicable																					
<b>Samples:</b>	<input type="checkbox"/> Available	<input type="checkbox"/> Will be available (mm/dd/yr):	<input checked="" type="checkbox"/> Not Applicable																					
<b>Quantifiable Impact on Quality &amp; Reliability:</b> None																								
<b>Proposed First Ship Date*:</b> March 1, 2011  <i>*The Proposed First Ship Date is the forecasted date that a customer may expect to receive changed product. This is determined by the estimated date of inventory depletion on the PCN issue date. This may be affected by fluctuations in supply and demand. Consequently, although customers should be prepared to receive changed product on this date, Atmel will continue to ship pre-changed product until a time in which inventory has been depleted. This may result in pre-changed product being shipped to customers after this forecasted date.</i>																								
<b>Atmel Contact:</b> <a href="mailto:pcnadm@atmel.com">pcnadm@atmel.com</a>																								
Information provided herein is in connection with Atmel products and this information is provided "AS IS". Atmel assumes no responsibility for any errors that may appear in this document. No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document. Except as provided in Atmel's Terms and Conditions of Sale for such products, Atmel assumes no liability whatsoever, and Atmel disclaims any express or implied warranty, including liability or warranties relating to fitness for a particular purpose, merchantability, or non-infringement of any patent, copyright or other intellectual property right. Atmel products are not intended for use in a product or system intended to support or sustain life which, if it fails, can be reasonably expected to result in significant personal injury. Atmel may make changes to specifications and product descriptions at any time, without notice.																								

**CUSTOMER ACKNOWLEDGEMENT OF RECEIPT:** Atmel requests you acknowledge receipt of this PCN. Please complete and email to the Atmel Contact listed above. In your acknowledgement, you can grant approval or request additional information. **Atmel will deem this change accepted unless specific conditions of acceptance are provided in writing within 30 days from the date of this notice.**

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