



# Product Change Notification

**Product Change Notification Number: SC081603**

**Date: April 30, 2008**

**Title: Addition of ASE (Taiwan) for TQFP Package Assembly for MCU and EPLD Products**

**Product Identification:**

[See Attachment A](#)

**Reason for Change:**

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

**Change Description:**

Atmel is expanding its assembly capacity to support a projected increase in world-wide demand for semiconductor devices. Pending successful qualification, Atmel will add ASE (Taiwan) to qualified TQFP package assembly subcontractor listing.

**Identification Method to Distinguish Change:**

The assembly site code is laser marked on the bottom of the package, third line down:  
ASE, Taiwan – code K

**Qualification Data:**

- |                                    |   |   |
|------------------------------------|---|---|
| <input type="checkbox"/> available | <input checked="" type="checkbox"/> will be available on June 1, 2008 | <input type="checkbox"/> not applicable |
|------------------------------------|---|---|

**Samples:**

- |                                    |   |   |
|------------------------------------|---|---|
| <input type="checkbox"/> available | <input checked="" type="checkbox"/> will be available on June 1, 2008 | <input type="checkbox"/> not applicable |
|------------------------------------|---|---|

**Quantifiable Impact on Quality & Reliability:**

None

**Proposed First Shipment Date\*:** July 30, 2008

*\*The Proposed First Shipment 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.*

**Atmel Contact:** pcnadm@atmel.com

Atmel will deem this change accepted unless specific conditions of acceptance are provided in writing within 30 days from the date of this notice. All correspondence must be sent to the Quality Contact e-mail address listed above.

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.

## Attachment A

Part Number	Part Number	Part Number	Part Number
AT89C51RC-24AU	ATMEGA16L-8AQ	ATMEGA3290V-8AU	ATMEGA8515-16AU
AT89C55WD-24AU	ATMEGA16L-8AU	ATMEGA329P-16AU	ATMEGA8515L-8AU
AT89LS51-16AU	ATMEGA2560-16AU	ATMEGA329P-20AU	ATMEGA8535-16AU
AT89LS52-16AU	ATMEGA2560V-8AU	ATMEGA329PV-10AU	ATMEGA8535L-8AU
AT89S51-24AU	ATMEGA2561-16AU	ATMEGA329PV-8AU	ATMEGA88-20AU
AT89S52-24AU	ATMEGA2561V-8AU	ATMEGA329V-8AU	ATMEGA88P-20AU
AT89S8253-24AU	ATMEGA32-16AQ	ATMEGA32L-8AU	ATMEGA88PV-10AU
AT89LP428-20AU	ATMEGA32-16AU	ATMEGA48-20AU	ATMEGA88V-10AU
AT89LP828-20AU	ATMEGA324P-20AU	ATMEGA48P-20AU	ATMEGA8L-8AU
ATMEGA128-16AU	ATMEGA324PV-10AU	ATMEGA48PV-10AU	ATTINY28L-4AU
ATMEGA1280-16AU	ATMEGA325-16AU	ATMEGA48V-10AU	ATTINY28V-1AU
ATMEGA1280V-8AU	ATMEGA3250-16AU	ATMEGA64-16AU	ATF1500A-10AU
ATMEGA1281-16AU	ATMEGA3250P-16AU	ATMEGA640-16AU	ATF1500AL-20AU
ATMEGA1281V-8AU	ATMEGA3250P-20AU	ATMEGA640V-8AU	ATF1502AS-10AU44
ATMEGA128L-8AU	ATMEGA3250PV-10AU	ATMEGA644-20AU	ATF1502ASL-25AU44
ATMEGA16-16AQ	ATMEGA3250PV-8AU	ATMEGA644P-20AQ	ATF1502ASV-15AU44
ATMEGA16-16AU	ATMEGA3250V-8AU	ATMEGA644P-20AU	ATF1504AS-10AU100
ATMEGA162-16AU	ATMEGA325P-16AU	ATMEGA644PV-10AU	ATF1504AS-10AU44
ATMEGA162V-8AU	ATMEGA325P-20AU	ATMEGA644V-10AU	ATF1504ASL-25AU100
ATMEGA164P-20AQ	ATMEGA325PV-10AU	ATMEGA645-16AU	ATF1504ASL-25AU44
ATMEGA164P-20AU	ATMEGA325PV-8AU	ATMEGA6450-16AU	ATF1504ASV-15AU100
ATMEGA164PV-10AU	ATMEGA325V-8AU	ATMEGA6450V-8AU	ATF1504ASV-15AU44
ATMEGA165P-16AU	ATMEGA328P-20AU	ATMEGA645V-8AU	ATF1504ASVL-20AU100
ATMEGA165PV-8AU	ATMEGA328PV-10AU	ATMEGA649-16AU	ATF1504ASVL-20AU44
ATMEGA168-20AU	ATMEGA329-16AU	ATMEGA6490-16AU	ATF1508AS-10AU100
ATMEGA168P-20AU	ATMEGA3290-16AU	ATMEGA6490V-8AU	ATF1508ASL-25AU100
ATMEGA168PV-10AU	ATMEGA3290P-16AU	ATMEGA649V-8AU	ATF1508ASV-15AU100
ATMEGA168V-10AU	ATMEGA3290P-20AU	ATMEGA64L-8AQ	ATF1508ASVL-20AU100
ATMEGA169P-16AU	ATMEGA3290PV-10AU	ATMEGA64L-8AU	
ATMEGA169PV-8AU	ATMEGA3290PV-8AU	ATMEGA8-16AU	