



Product Change Notification

PCN Number: CC144902

Notification Date*: January 7, 2015

Title: Addition of a 15,000 Unit/Reel Ordering Option for the UDFN Package for all Serial EEPROM Products

Product Identification:

The 15,000 unit/reel option will be designated by a new ordering suffix code in the catalog part number

Reason for Change:

- ☐ Material / Composition
- ☐ Processing / Manufacturing
- ☐ Design / Firmware
- ☐ Datasheet

- ☐ Manufacturing Location
- ☐ Quality / Reliability
- ☐ Logistics
- ☒ Other: Reduced Material Waste

Change Description:

In an effort to be more environmentally conscious and environmentally “friendly”, Atmel has added a 15,000 unit/reel ordering option for the UDFN package version for all Serial EEPROM devices in order to reduce material waste, reduce the size and/or number of shipping boxes, and reduce the total weight of customer shipments. The current 13-inch reel quantity for the WDFN and UDFN packages is 5000 units/reel; therefore, the new 15,000 unit/reel option will allow a single 13-inch reel to hold three times the number of units while utilizing the same exact reel (no changes in reel size, reel material, reel specifications, tape material).

This increase in units/reel will result in a tremendous reduction of customer waste for the disposal or recycling of the reels, the cardboard boxes, and the packing material. In addition, the increase in units/reel will allow customers to maximize their production efficiency since reels would have to be changed far less often.

While 5,000 unit/reel options will continue to be supported, Atmel strongly encourages its customers to help in the effort to reduce waste by migrating to the 15,000 unit/reel option. The 15,000 unit/reel ordering option is designated by using an “E” for the shipping carrier option in the catalog part number. The table below depicts a few example devices and the two UDFN ordering codes that will be available on their respective device datasheets:

Example Ordering Codes			
Device	Ordering Code	Package Type	Quantity Per 13-Inch Reel
AT24C02D	AT24C02D-MAHM-T	UDFN	5,000
	AT24C02D-MAHM-E	UDFN	15,000
AT34C02D	AT34C02D-MAHM-T	UDFN	5,000
	AT34C02D-MAHM-E	UDFN	15,000
AT25080B	AT25080B-MAHL-T	UDFN	5,000
	AT25080B-MAHL-E	UDFN	15,000
AT93C56B	AT93C56B-MAHM-T	UDFN	5,000
	AT93C56B-MAHM-E	UDFN	15,000

This option is being offered on the following products with ordering options shown below. Please note that this PCN also applies to any CAN (customer specific) offering for the above products.

New Ordering Codes for Applicable SPI Products			
Device	Package Type	Ordering Code	Quantity Per 13-Inch Reel
AT25010B	UDFN	AT25010B-MAHL-E	15,000
AT25020B	UDFN	AT25020B-MAHL-E	15,000
AT25040B	UDFN	AT25040B-MAHL-E	15,000
AT25080B	UDFN	AT25080B-MAHL-E	15,000
AT25160B	UDFN	AT25160B-MAHL-E	15,000
AT25320B	UDFN	AT25320B-MAHL-E	15,000
AT25640B	UDFN	AT25640B-MAHL-E	15,000
AT25128B	UDFN	AT25128B-MAHL-E	15,000
AT25256B	UDFN	AT25256B-MAHL-E	15,000

Also applicable to any CAN (customer specific) offering for the above products

New Ordering Codes for Applicable 3-Wire (Microwire) Products			
Device	Package Type	Ordering Code	Quantity Per 13-Inch Reel
AT93C46D	UDFN	AT93C46DY6-YH-E	15,000
AT93C56B	UDFN	AT93C56B-MAHM-E	15,000
AT93C66B	UDFN	AT93C66B-MAHM-E	15,000
AT93C86A	UDFN	AT93C86AY6-10YH-1.8-E	15,000

Also applicable to any CAN (customer specific) variant offering for the above products.

New Ordering Codes for Applicable 2-Wire (I ² C) Products			
Device	Package Type	Ordering Code	Quantity Per 13-Inch Reel
AT24C01C	UDFN	AT24C01C-MAHM-E	15,000
AT24C01D	UDFN	AT24C01D-MAHM-E	15,000
AT24C02C	UDFN	AT24C02C-MAHM-E	15,000
AT24C02D	UDFN	AT24C02D-MAHM-E	15,000
AT24C04C	UDFN	AT24C04C-MAHM-E	15,000
AT24C04D	UDFN	AT24C04D-MAHM-E	15,000
AT24C08C	UDFN	AT24C08C-MAHM-E	15,000
AT24C08D	UDFN	AT24C08D-MAHM-E	15,000
AT24C16C	UDFN	AT24C16C-MAHM-E	15,000
AT24C16D	UDFN	AT24C16D-MAHM-E	15,000
AT24C32D	UDFN	AT24C32D-MAHM-E	15,000
AT24C64D	UDFN	AT24C64D-MAHM-E	15,000
AT24C128C	UDFN	AT24C128C-MAHM-E	15,000
AT24C256C	UDFN	AT24C256C-MAHL-E	15,000
AT24C512C	UDFN	AT24C512C-MAHM-E	15,000
AT24MAC402	UDFN	AT24MAC402-MAHM-E	15,000
AT24MAC602	UDFN	AT24MAC602-MAHM-E	15,000
AT24CS01	UDFN	AT24CS01-MAHM-E	15,000
AT24CS02	UDFN	AT24CS02-MAHM-E	15,000
AT24CS04	UDFN	AT24CS04-MAHM-E	15,000
AT24CS08	UDFN	AT24CS08-MAHM-E	15,000
AT24CS16	UDFN	AT24CS16-MAHM-E	15,000
AT24CS32	UDFN	AT24CS32-MAHM-E	15,000
AT24CS64	UDFN	AT24CS64-MAHM-E	15,000
AT34C02C	UDFN	AT34C02CY6-YH-E	15,000
AT34C02D	UDFN	AT34C02D-MAHM-E	15,000
AT34C04	UDFN	AT34C04-MA5M-E	15,000

Also applicable to any CAN (customer specific) variant offering for the above products.

Identification Method to Distinguish Change:

New CPN with -E suffix

Qualification Data:	☐ Available	☐ Will be available (mm/dd/yr):	☒ Not Applicable
Samples:	☐ Available	☐ Will be available (mm/dd/yr):	☒ Not Applicable

Quantifiable Impact on Quality & Reliability:

No impact. Form, fit, and functionally compatible.

Forecasted Availability Date: Now with standard lead times

Atmel Contact: Please contact your Atmel Sales Representative or Distributor for additional information (when replying via e-mail please include the PCN number in subject line).

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To be completed by customer:

☐ Approved

☐ Rejected (Please state reason for rejection):

Company:

Name:

Title:

Date:

Email

Address:

Location:

Comments: