



Product End-of-Life (EOL) Notification

EOL Number: SE121902

Notification Date*: May 14, 2012

Product Description & Replacement:

All package options of the Industrial Temperature grade (-40°C to +85°C) AT25DQ161. In order to accommodate sockets utilizing the 16-Mbit device (AT25DQ161), the 32-Mbit (AT25DQ321) device is being offered as a replacement (see Table 1).

Table 1.

EOL Part Number	Replacement Part Number ²	Carrier Type
AT25DQ161-SH-B	AT25DQ321-SH-B	B for Bulk
AT25DQ161-SH-T	AT25DQ321-SH-T	T for T/R
AT25DQ161-SSH-B	No replacement. (AT25DQ321-SH-B is recommended) ¹	B for Bulk
AT25DQ161-SSH-T	No replacement. (AT25DQ321-SH-T is recommended) ¹	T for T/R
AT25DQ161-MH-T	AT25DQ321-MH-T	T for T/R
AT25DQ161-MH-Y	AT25DQ321-MH-Y	Y for Tray

Notes:

1. 25DQ321 is only available in the EIAJ SOIC, AT25DQ321-SH-B or AT25DQ321-SH-T
2. Please reference Datasheet for further details

Reason for EOL:

In the recent years, Atmel followed many other leading semiconductor suppliers and transitioned into a “fab-lite” company in order to better serve its customers. With a “fab-lite” approach, Atmel can develop products on leading-edge processes and have access to long-term, stable wafer supplies from some of the industry’s largest, most advanced, and most versatile foundries. In optimizing the “fab-lite” transition, Atmel evaluated all of its foundry suppliers to determine which foundries could provide Atmel with the best path forward in terms of advanced technology access, long-term supply agreements, highest quality, future wafer capacity, and wafer costs. As such, it was determined that certain foundries for Flash memories were more strategic than others, and as a result, Atmel has exited from one of its Flash memory foundries.

The exit from this one Flash memory foundry **ONLY** impacts three devices in Atmel’s AT25Dxxx series Serial Flash memory portfolio. The devices affected are the AT25DF021 (3-volt, 2-Mbit), AT25DF161 (3-volt, 16-Mbit), and AT25DQ161 (3-volt, 16-Mbit Quad-I/O). Unfortunately, Atmel does not have immediate replacements for these devices, and at this time, we do not have a schedule for when replacement devices could be developed. Therefore, Atmel would like to work with its customers on possible alternative solutions such as an alternate memory density (such as the 25DQ321 as seen in Table 1) or an alternate device like Atmel’s AT45Dxxx series DataFlash memories.

Atmel’s DataFlash family (AT45Dxxx products) will continue to support ALL densities of 1-Mbit and above.

Last Time Buy Date: November 14, 2012

**All orders placed after the notification date are non-cancellable and non-returnable (NCNR).*

Last Ship Date: May 14, 2013

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