



Product End-of-Life Notification

EOL Number: HE084702A (REVISED 12/17/08)
See Addition/Change in Bold Blue Font Below

Date*: November 20, 2008

Product Description & Replacement:

The 8 pin Window Watchdog IC U5021M-NFPY and U5021M-NFPG3Y will be obsolete and replaced by the pinning and function compatible Window Watch Dog IC **ATA5021-FPQY**

Reason for EOL:

Together with its larger 16-pin version U5020M (see separate EOL) the Window Watchdog IC U5021M-NFP is the only product in Z86 technology which is supplied by a third party wafer foundry.

Atmel is concerned about the supply of this technology beyond 2009. In order to support our customers the decision was taken to redesign this IC in Atmel's SMART I.S. technology and manufacture it in the Atmel-owned Colorado Springs wafer fab. This measure will ensure a stable and high level quality in conjunction with a safe and long term availability of this high volume part.

The new part number will be ATA5021-FPQY, and the redesign will be made so that the new Window Watchdog will be pin- and function compatible to the U5021M-NFPY and U5021M-NFPG3Y. All electrical characteristics of the datasheet will keep their validity. The new watchdog IC will overcome the timing difficulty of U5021M which was described in the PCN HC054201 dated November 16, 2005 and in the data sheet page 7, see the note below Fig. 5-1.

The part number will be changed in the existing datasheet. It goes without saying that the new window watchdog IC will be assembled in the SO8 package and will be qualified according to AEC Q100.

Atmel is strongly interested to continue the longterm partnership with all watchdog customers offering the new IC as a direct replacement for the existing one in all application. In order to achieve a seamless transition the lead times for last order and last shipment are expanded versus the standard ones (see below).

Schedule for ATA5021-FPQY

First prototypes are scheduled to be available in March 2009

Customer Final Samples are scheduled for April 2009

Qualification finished and PPAP availability is scheduled for June 2009

Start of mass production: October 2009

MHS Electronics, the wafer foundry for the U5021M, applied for preliminary insolvency proceedings at the French commercial courts due to the deteriorating economic environment. According to French press, the courts have accepted MHS request on December 11, 2008. Unfortunately there is no alternative source for the wafer technology available; therefore we urge all customers to place their last time buy order as soon as possible. Atmel expects that all last time buy orders received until January 31, 2009 can be fulfilled. We are aware that this short notice may cause inconvenience but it is our duty to inform you about this latest development to prevent bigger problems.

Last Time Buy Date: **January 31, 2009**

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

Last Ship Date: December 31, 2009

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