

PCN Number: HC153701

Notification Date: September 16, 2015

Title: Update of the Datasheets regarding pureRXMode

Product Identification:

ATA5781-WNQW / ATA5782-WNQW

/ ATA5831-WNQW / ATA5831V-WNQW / ATA5833-WNQW

Reason for Change:

☐ Material / Composition

☐ Manufacturing Location

☐ Processing / Manufacturing

☐ Quality / Reliability

☐ Design / Firmware

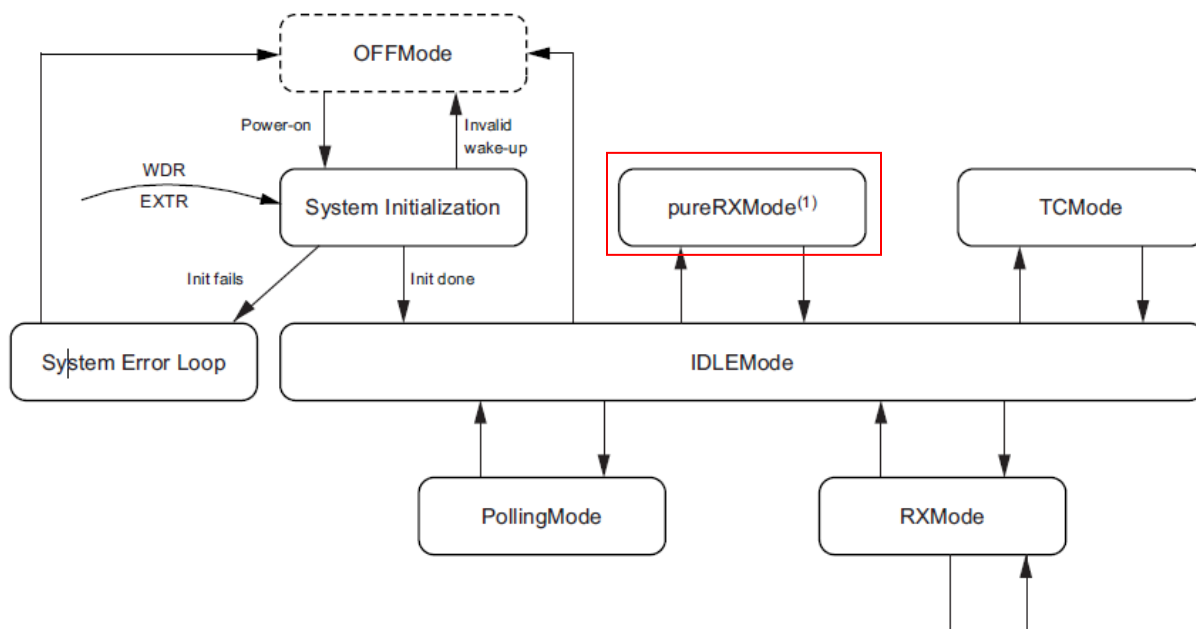
☐ Logistics

☒ Datasheet

☐ Other:

Change Description: A new product version ATA5781N-WNQW is introduced supporting pureRXMode operation. Customers using pureRXMode need to order ATA5781N-WNQW. The pureRXMode is a special mode which needs to be activated via EEPROM setting. Standard RX modes (buffered and transparent) are not impacted.

Figure 2-4. Operating Modes Overview



⁽¹⁾ pureRXMode only supported by ATA5781N

Reason of feature removal:

In general the pureRXMode works. Only in the unusual case, when parallel signals and special timing occurs at the same time, the device sticks in pureRXMode. A toggling at PIN18 (PC4) which controls the pureRXMode sets back the device to the target operating mode.

Identification Method to Distinguish Change: Existing products are unchanged, if pureRXMode is needed the ATA5781N-WNQQW needs to be ordered.			
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: Products are unchanged / documentation (Datasheet) updated			
Proposed First Ship Date*: Not applicable <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>			
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). This Change Notification is subject to the terms of Atmel's Terms and Conditions of Sale for such products identified herein, which Terms and Conditions remain in full force and effect. 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.			
CUSTOMER ACKNOWLEDGEMENT OF RECEIPT: Atmel requests you acknowledge receipt of this PCN. Please complete and email to pcnadm@atmel.com and 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.			
To be completed by customer: ☐ <u>Approved</u> ☐ <u>Rejected (Please state reason for rejection):</u>			
Company: Name: Title: Date: Email Address: Location: Comments:			