

PCN Number: HC153701A (Revised 11/17/15) Notification Date: September 16, 2015
See below updates in blue text

Title: Update of the Datasheets regarding pureRXMode

Product Identification:

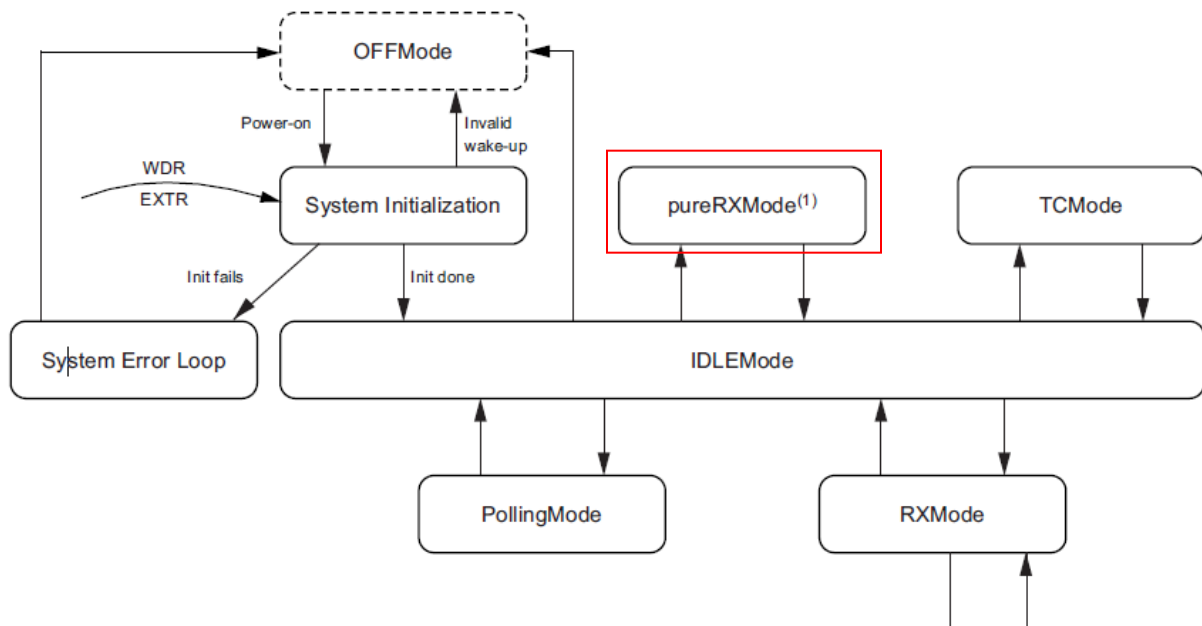
ATA5781-WNQW
 ATA5782-WNQW
 ATA5831-WNQW
 ATA5831V-WNQW
 ATA5833-WNQW

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): 11/27/15	☐ Not Applicable
Samples:	☒ Available	☐ Will be available (mm/dd/yr):	☐ Not Applicable
Quantifiable Impact on Quality & Reliability: Impacted 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>			
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To be completed by customer:

☐ Approved

☐ Rejected (Please state reason for rejection):

Company: Name: Title: Date: Email Address: Location: Comments:	
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