



Product/Process Change Notification (PCN)

PCN Number: HC160802A (See Changes in Blue Text)

PCN Title: ATA663231/54/03 ATA663431/54
Improvements

PCN Issue Date: 08-Mar-16 (Revised 03/23/16)

Proposed First Ship Date: ATA663231: 06/08/2016
ATA663254: 06/10/2016
ATA663203: 08/05/2016
ATA663431: 08/26/2016
ATA663454: 08/26/2016

Change Category:

☒ Material / Composition	☐ Manufacturing Location
☐ Processing / Manufacturing	☐ Quality / Reliability
☒ Design / Firmware	☐ Logistics
☐ Datasheet	☐ Other:

Change Description:

Changed Item	Current	New
Design	POR behavior: Theoretical failure risk detected. No complaints up to now, but fix will be implemented to eliminate any residual risk.	Metal fix to maximize robustness of POR functionality and improved design robustness
Assembly	Au bonds: ATA663231-FAQW ATA663254-FAQW ATA663203-FAQW	Cu bonds

Reason for Change: Stabilize POR behavior, improve design robustness and align with latest assembly standard

Change Impact: Datasheet stays unchanged except new ordering numbers. After the conversion the old parts will be obsolete.

Product Identification:

Current Part Number	New Part Number (if applicable)
ATA663231-FAQW	ATA663231-GBQW
ATA663254-FAQW	ATA663254-GBQW
ATA663203-FAQW	ATA663203-GBQW
ATA663431-GDQW	No change in part number, identification via date-code
ATA663454-GDQW	No change in part number, identification via date code

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Samples Availability

Part Number	Sample ordering code	Remarks
ATA663231-GBQW	ATA663231-GBQW	☒ Currently available ☐ Will be available: (mm-dd-yy): ☐ Not Applicable
ATA663254-GBQW	ATA663254-GBQW	☒ Currently available ☐ Will be available: (mm-dd-yy): ☐ Not Applicable
ATA663203-GBQW	ATA663203-GBQW	☐ Currently available ☒ Will be available: 03-25-16 ☐ Not Applicable
ATA663431-GDQW	ATA663431-GDQW	☐ Currently available ☒ Will be available: 03-31-16 ☐ Not Applicable
ATA663454-GDQW	ATA663454-GDQW	☐ Currently available ☒ Will be available: 03-31-16 ☐ Not Applicable

Ordering Samples:

Samples can be ordered through Atmel Sample Center by logging on to www.atmel.com/samples or contact your Atmel Sales Representative.

Qualification Data:

☐ Available
Refer to Annex A

☒ Will be available (mm/dd/yr):

ATA663231: 03/24/2016

ATA663254: 03/31/2016

ATA663203: 05/27/2016

ATA663431: 06/17/2016

ATA663454: 06/17/2016

Characterization Data:

☐ Available
Refer to Annex

☒ Will be available

☐ Not Applicable

(mm/dd/yr):

ATA663231: 04/08/2016

ATA663254: 04/15/2016

ATA663203: 06/10/2016

ATA663431: 07/01/2016

ATA663454: 07/01/2016

Method to Identify Change:

Multiple

(indicate details here)

See section product identification

Marking Change:

☒ No

☐ Yes [See section product identification](#)

Data Sheet:

To view Data sheet please go to www.atmel.com



Please contact your Atmel Sales Representative or Distributor for additional information

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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:

☐ Approved

☐ Rejected (Please state reason for rejection):

Company:

Name:

Title:

Date:

Email Address:

Location:

Comments: