



Product/Process Change Notification (PCN)

PCN Number: **PC162501**
 PCN Title: **Wafer Foundry Transfer, 58910(UMC) from 58901(LF) for 86RF231**
 PCN Issue Date: **1-Jul-16**
 Proposed First Ship Date: **1-Oct-16**

Change Category:

<input type="checkbox"/> Material / Composition	<input checked="" type="checkbox"/> Manufacturing Location
<input type="checkbox"/> Processing / Manufacturing	<input type="checkbox"/> Quality / Reliability
<input type="checkbox"/> Design / Firmware	<input type="checkbox"/> Logistics
<input type="checkbox"/> Datasheet	<input type="checkbox"/> Other:

Change Description:

Changed Item	Current	New
Foundry Location	L-Foundry	UMC

Reason for Change: - Closure of L-Foundry
Change Impact: - Uninterrupted flow of product to meet customer production demands.

Product Identification:

Current Part Number	New Part Number (if applicable)
AT86RF231-ZU	none
AT86RF231-ZF	none
AT86RF231-ZUR	none
AT86RF231-ZFR	none

Samples Availability

Part Number	Sample ordering code	Remarks
AT86RF231-ZU	AT86RF231-ZUS	<input checked="" type="checkbox"/> Currently available <input type="checkbox"/> Will be available: (dd-Mmm-yy): <input type="checkbox"/> Not Applicable
AT86RF231-ZF	AT86RF231-ZFS	<input checked="" type="checkbox"/> Currently available <input type="checkbox"/> Will be available: (dd-Mmm-yy): <input type="checkbox"/> Not Applicable

Ordering Samples: New foundry location samples can be ordered through Atmel Sample Center www.atmel.com/samples.

ACP Test Company Inc. • 102 Accuracy Dr. Cor Excellence Ave., Carmelray Industrial Park 1, Canlubang, Calamba City, Laguna 4028 • Philippines

Sample specific ordering codes (above) will only be available for qualification sampling until the proposed first shipment date. For all production orders, only standard ordering codes will be accepted.

Note 1: The **S** in sample ordering codes will not be marked on the chip package and is only used to distinguish product for qualification sampling purposes.

Qualification Data:	<input checked="" type="checkbox"/> Available	<input type="checkbox"/> Will be available (mm/dd/yr):	<input type="checkbox"/> Not Applicable
Characterization Data:	<input checked="" type="checkbox"/> Available	<input type="checkbox"/> Will be available (mm/dd/yr):	<input type="checkbox"/> Not Applicable
Method to Identify Change:	Multiple	Fab Lot Number	
Marking Change:	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes Refer to Annex B	
Data Sheet:	To view Data sheet please go to http://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:

Annex A. Qualification Data

1. Yield for 58910(UMC) at par with 58901(L-foundry).
2. Etest matching passed.
3. Reliability qualification passed.
4. Characterization reports shows 58910 material falls well inside the device specifications, sweeping through specified voltage and temperature range.

Annex B.

	58901(L-Foundry)	58910(UMC)
AT86RF231-ZU/R	ATRF231 58901-03 YYSS CC XXXXXXXX	ATRF231 -ZU YYWWR CC XXXXXXXX
AT86RF231-ZF/R	ATRF231 58901-F YYWW CC XXXXXXXX	ATRF231 -ZF YYWWR CC XXXXXXXX