

AT86RF231-ZF

## Atmel Product/Process Change Notification (PCN)

PCN Number:	PC	162501	62501		
PCN Title:		Transfer, 58910(UMC) from 66RF231			
PCN Issue Date:	1-J	1-Jul-16			
Proposed First Ship I	)ate: 1-0	Oct-16			
Change Category:	<ul> <li>☐ Material / Composition</li> <li>☐ Processing / Manufacturing</li> <li>☐ Design / Firmware</li> <li>☐ Datasheet</li> </ul>		<ul><li>✓ Manufacturing Location</li><li>✓ Quality / Reliability</li><li>✓ Logistics</li><li>✓ Other:</li></ul>		
Change Description:					
Changed Item	Curi	rent	New		
Foundry Location	L-Foundry		UMC		
			CIVIC		
Reason for Change: Change Impact:	- Closure of L-Foun - Uninterrupted flow	•	meet customer production demands.		
Change Impact:  Product Identification:	- Uninterrupted flow	•	meet customer production demands.		
Change Impact:	- Uninterrupted flow	•	neet customer production demands.  New Part Number		
Change Impact:  Product Identification:  Current Par	- Uninterrupted flow	•	neet customer production demands.  New Part Number (if applicable)		
Change Impact:  Product Identification:	- Uninterrupted flow	•	neet customer production demands.  New Part Number		
Change Impact:  Product Identification:  Current Par  AT86RF231-ZU	- Uninterrupted flow	•	neet customer production demands.  New Part Number (if applicable) none		
Change Impact:  Product Identification:  Current Par  AT86RF231-ZU  AT86RF231-ZF	- Uninterrupted flow	•	New Part Number (if applicable) none none		
Change Impact:  Product Identification:  Current Part  AT86RF231-ZU  AT86RF231-ZF  AT86RF231-ZUR	- Uninterrupted flow	•	New Part Number (if applicable) none none		
Change Impact:  Product Identification:  Current Part  AT86RF231-ZU  AT86RF231-ZF  AT86RF231-ZFR  AT86RF231-ZFR	- Uninterrupted flow	v of product to r	New Part Number (if applicable) none none		

**Ordering Samples:** New foundry location samples can be ordered through Atmel Sample

Center www.atmel.com/samples

AT86RF231-ZFS

□ Currently available

☐ Not Applicable

☐ Will be available: (dd-Mmm-yy):

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

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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

	purposes.	a to distinguish product for qu	Jailfication sampling
Qualification Data:	⊠ Available	☐ Will be available (mm/dd/yr):	☐ Not Applicable
Characterization Data:		☐ Will be available (mm/dd/yr):	☐ Not Applicable
Method to Identify Change:	Multiple	Fab Lot Number	
Marking Change:	□No		
Data Sheet:	To view Data sheet please go to http://www.atmel.com/		
Please contact your Atn	nel Sales Represent	ative or Distributor for	additional
This Change Notification is subject herein, which Terms and Condition otherwise, to any intellectual proportion of Sale for such productions of Sale for such production of the management of any patent, copyrights the subject of the	ns remain in full force and ef erty rights is granted by this cts, Atmel assumes no liabili or or warranties relating to fitn	fect. No license, express or impl document. Except as provided ir y whatsoever, and Atmel disclai ess for a particular purpose, mer	ied, by estoppel or n Atmel's Terms and ms any express or
Customer Acknowledge	ement of Receipt:		
Atmel requests you acknowledge Atmel Contact listed above. In yo Atmel will deem this change ac within 30 days from the date of	ur acknowledgement, you ca cepted unless specific con	n grant approval or request add	itional information.
To be completed by cus  ☐ Approved ☐ Rejected (Please state reason			
Company: Name: Title: Date: Email Address: Location: Comments:			
Comments.			

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

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### 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