



PCN Number: 0916
PCN Change Level: Major
PCN Date: October 7, 2009
Subject: Customer Notification Only

Dear Customer,

1.0 Purpose of Change

The purpose of this PCN is to notify customers that Actel products could be tested and programmed at any of the following Actel-qualified test locations: Actel (Mountain View), Ardentec (Taiwan), or ASAT (China) to allow supply continuity, as needed (Note: PCN 0903 issued in March 2009 to add ASAT China as an Actel Production Programming Center).

2.0 Description of Change

Ardentec (Taiwan) and ASAT (China) have been Actel-qualified vendors for over four years for Wafer and Final Electrical Test (i.e., devices from the following product families are already being tested at these locations: IGLOO[®], ProASIC[®]3, IGLOO and ProASIC3 nano, ProASIC^{PLUS}[®], eX, SX-A, MX, and ACTTM1). This PCN serves as notification to all customers that Actel will be expanding the services of these qualified test facilities to all Actel products, except all hermetic packages (CQ, PG, CG, LG, etc.) and any ITAR restricted designs for programming.

There is no change to form, fit, function, test coverage, or quality a product. The tester platforms at Ardentec (Taiwan) and ASAT (China) are correlated to Actel (Mountain View). These locations have the same tester platform, test programs, and programming hardware as Actel (Mountain View).

3.0 Implementation Date and Affected Products

Actel will begin using Ardentec (Taiwan) and ASAT (China) as an additional test source for all products listed below beginning on the implementation schedule mentioned in this PCN:

Wafer Sort:

- September 2009: IGLOO/e and ProASIC3/E (devices with 400,000 gates or larger), Fusion, and Axcelerator
- Q1 2010: ACT1 and ACT2



- Q2 2010: ACT3, SX-A, and SX

Package Test:

- November 2009: IGLOO/e and ProASIC3/E (devices with 400,000 gates or larger) and Axcelerator
- Q1 2010: Fusion, ACT1 and ACT2
- Q2 2010: ACT3, SX and MX

Programming for all Actel products, except all hermetic packages (CQ, PG, CG, LG, etc.) and any ITAR restricted designs for programming:

- ASAT (China): Already Qualified (PCN 0903 issued in March 2009)
- Ardentec (Taiwan): Q4 2009

4.0 Customer Action

If you have any questions, please contact Actel's Application Technical Support at tech@actel.com.

Customer to review and provide approval to this notification for PPAP revision, as needed.

5.0 Addenda

Addendum A: Ardentec (Taiwan) Overview Report

Addendum B: ASAT (China) Overview Report

Addendum C: Fusion Wafer Sort Correlation Report

Addendum D: Affected Product List

Regards,
Actel Corporation