



February 13, 2007

PCN Number: 0704

PCN Change Level: Major

Subject: Addition of Assembly Vendor for Standard (contains lead) and RoHS compliant TQ100 packages

Dear Purchasing,

This notice is to inform you that Actel has added ASAT-China as an additional assembly vendor for the SX-A, ProASIC<sup>PLUS</sup><sup>®</sup>, and eX product families for RoHS-compliant (TQG) and standard (TQ) TQFP packages. See Table 1 for details. Depending on device/package type, this location is in addition to STATSChipPac or Amkor Korea. The assembly location country is marked on the device ("Singapore" if manufactured at STATSChipPac, "China" if manufactured at ASAT-China, and "Korea" if manufactured at Amkor Korea).

**Table 1 • TQFP Packages**

| <b>Devices</b> | <b>Package</b>   | <b>Current Assembly Location</b> | <b>Additional Assembly Location</b> | <b>Qualification Report</b> | <b>Sample Availability</b> |
|----------------|------------------|----------------------------------|-------------------------------------|-----------------------------|----------------------------|
| A54SX08A       | TQ100/<br>TQG100 | STATSChipPac,<br>Singapore       | ASAT-China                          | PA-097                      | April 30, 2007             |
| eX64           | TQ64/<br>TQG64   | STATSChipPac,<br>Singapore       | ASAT-China                          | PA-097                      | April 30, 2007             |
| eX64           | TQ100/<br>TQG100 | STATSChipPac,<br>Singapore       | ASAT-China                          | PA-097                      | April 30, 2007             |
| eX128          | TQ64/<br>TQG64   | STATSChipPac,<br>Singapore       | ASAT-China                          | PA-097                      | April 30, 2007             |
| eX128          | TQ100/<br>TQG100 | STATSChipPac,<br>Singapore       | ASAT-China                          | PA-097                      | April 30, 2007             |
| eX256          | TQ100/<br>TQG100 | STATSChipPac,<br>Singapore       | ASAT-China                          | PA-097                      | April 30, 2007             |
| APA075         | TQ100/<br>TQG100 | Amkor, Korea                     | ASAT-China                          | PA-096                      | April 30, 2007             |



In addition, devices built at ASAT-China will use the following "green" materials:

- Mold compound – Sumitomo G700
- Die attach material – Sumitomo CRM-1076W
- Lead Finish - RoHS Compliant – 100% Sn; Standard – 85% Sn/15% Pb

Shipments of material conforming to this PCN will begin shipping as of May 30, 2007.

If you have any questions or to obtain a qualification report, please contact Actel's Application Technical Support at [tech@actel.com](mailto:tech@actel.com).

Regards,

Actel Corporation