

July 1, 2026

TRIA AMERICAS PRODUCTS MANUFACTURING UPDATE

Product Change Notification PCN26006-1

Products Affected:

AES-XRF8-ZU47-G

Subject: Revision B PCB release

Reason for Change: Improve accuracy on the 3.3V power rail under heavy load.

Change Description: This layout change improves the ability of the voltage regulation circuitry to compensate for voltage droop in high current draw configurations.

Due to minor changes to component placement in the power supply circuitry, the locations and heights of some power components have changed. Customers using a custom carrier should use the supplied 3D models to verify compatibility.

Added support for software control of Ethernet PHY Reset. There is no impact for existing Software or Firmware however customers using revision B SOMs can choose to toggle ethernet PHY reset (GE_RESETN) via MIO37.

This revision change will have no other software or firmware impact.

Product Identification: The PCB revision is clearly marked on each PCB.

Figure 1 rev A PCB 23000009



Figure 2 rev B PCB 23000029



Further Questions? Contact customize@tria-technologies.com or your local Avnet Sales office.

9830 S. 51st. St, Suite A-126, Phoenix, AZ 85044

○ (480) 643-7537 | tria-technologies.com