The AES-LPA-502-G is an out-of-the-box AMS RFMC plug-in card that mates with the ZCU111 board via two Samtec LPAM (8x40) connectors on the bottom of the AES-LPA-502-G card.

**KEY FEATURES INCLUDE:**

- J333 LPAM-40-01.0-S-08-2-K-TR – ADC
- J888 LPAM-40-01.0-S-08-2-K-TR – DAC

Eight DACs and eight ADCs routed to RF connectors

- Four pairs external input clocks for ADCs routed to RF connectors
- Two pair external input clocks for DACs routed to RF connectors
- RFSoC bank 224-227 VCM nets routed to RF connectors
- Supports carrier frequencies ≥ 20 GHz
- Leverages Samtec RSP-208784-01 screw-mount, straight SMA plug
Samtec’s FAEs and team of technical experts stand ready to assist you with your next design project. 

**Our Capabilities include:** Mechanical Samples • ECAD/MCAD Files • Contract PCB layout • PCB layout design review • FAE technical support • SI Evaluation Kits • Signal Integrity Support  

Please e-mail SIG@samtec.com for more information.