

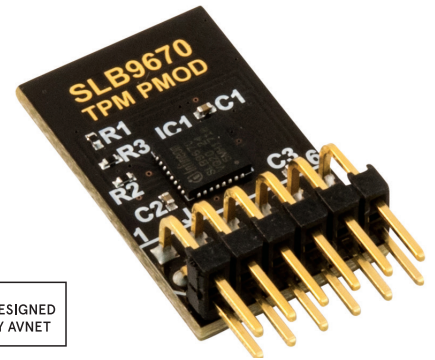
The Trusted Platform Module (TPM) 2.0 Security Peripheral Module (Pmod) enables a root of trust for platform integrity, remote attestation and cryptographic services as required by Industrial Internet of Things (IIoT) applications. The TPM Pmod features Infineon's OPTIGA™ TPM SLB9670 which is compliant to the Trusted Computing Group (TCG) TPM 2.0 specification and connects to Zynq and Zynq UltraScale+ via a SPI interface. This Pmod enables measured boot functionality and cryptographic security to extend the hardware root of trust enabled by Zynq and Zynq UltraScale+ devices.

The system also supports additional use cases such as device identity, secure storage, secure communications, and secure firmware upgrade. When these capabilities are coupled with the Zynq and Zynq UltraScale+ secure boot (hardware root of trust) feature, developers have the security foundation required for the Industrial Internet of Things.

### FEATURES

- Cost-effective, production ready TPM Pmod
  - Includes Infineon OPTIGA™ TPM SLB9670 2.0
  - Enhanced SPI interface
  - Small 1" x 0.6" plug-in Pmod (2x6 format)

To purchase this Pmod, visit [www.avnet.com](http://www.avnet.com)



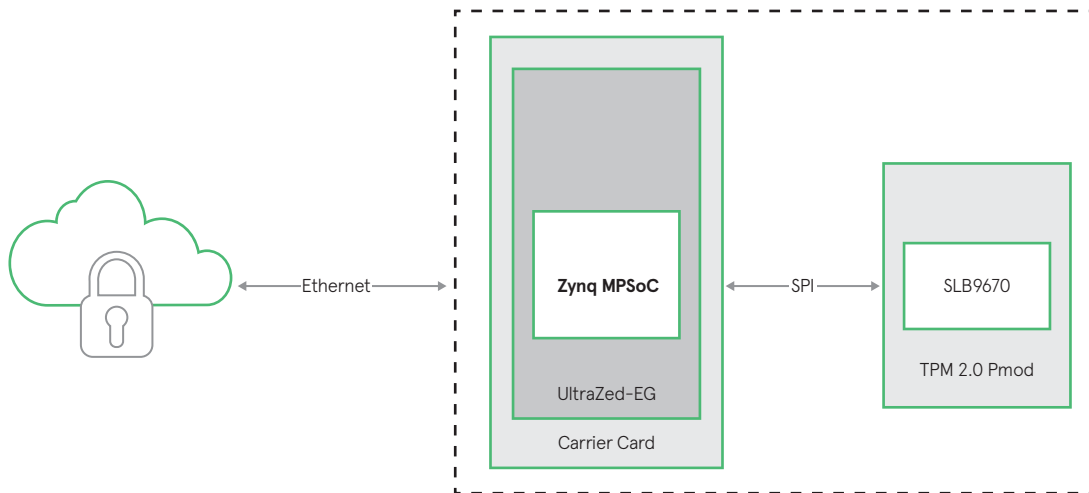
COMPATIBLE WITH

**/ULTRAZED™**

TARGET APPLICATIONS

- Any Industrial Internet of Things application
- Industrial Automation
- Smart Grid
- Healthcare
- Surveillance
- Transportation
- Smart Cities
- Secured Communications

## BLOCK DIAGRAM



## FEATURED MANUFACTURERS



## PARTS

| Part Number              | Description         | Resale      |
|--------------------------|---------------------|-------------|
| AES-PMOD-TPM20-SLB9670-G | OPTIGA TPM 2.0 Pmod | \$29.94 USD |

## RELATED PARTS

| Part Number         | Description                   | Resale       |
|---------------------|-------------------------------|--------------|
| AES-ZU3EG-1-SOM-I-G | UltraZed-EG SOM (I Temp)      | \$535.00 USD |
| AES-ZU3EG-1-SOM-G   | UltraZed-EG SOM (E Temp)      | \$485.00 USD |
| AES-ZU-PCIECC-G     | UltraZed-EG PCIe Carrier Card | \$499.00 USD |

Countries Available for Purchase: Americas, EMEA, Asia, Japan

## CONTACT INFORMATION

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