

Wolly SCM Emulation board



■ Specification

- **Virtex Ultrascale+ XCVU9P-FLGB2104-2-I-ES1**
- **Memory (four single DDR4 channel)**
 - 17.5GB DDR4 DRAM
 - 3x 4.5GB DDR4 2400MT/s, 72-bit
 - 1x 4GB DDR4 2400MT/s, 64-bit
- **PCIe endpoint connectivity**
 - Gen1, 2, or 3 x8
 - Gen1, 2, or 3 x16 bifurcated into two x8
- **Operating Voltage**
 - PCIe slot +12 VDC, +3.3 VDC, +3.3 VAUXDC
 - Power management with PMBus voltage monitoring through Maxim power controllers
- **USB-to-UART FT2232 bridge with micro-B USB connector**
- **I2C bus**
- **Status LEDs**
- **User I/O**

■ Dimensions

- Height: 3.874 inch (9.84 cm)
- Thickness ($\pm 5\%$): 0.062 inch (0.157 cm)
- Length: 6.60 inch (16.76 cm)

■ Environmental

- Temperature
 - Operating: 0°C to +45°C
 - Storage: -25°C to +60°C
- Humidity
 - 10% to 90% non-condensing