

## The SOC VoIP-I-4K Board

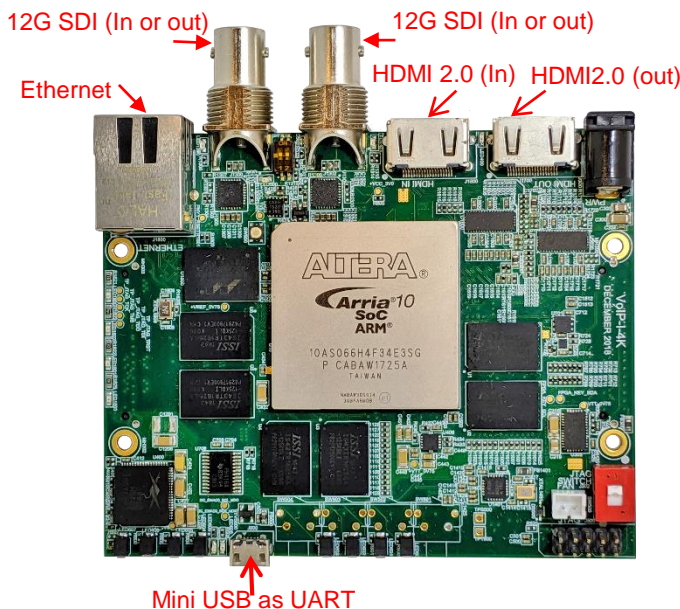
### Product Description

The SOC VoIP-I-4K board has an Arria-10 SX660 FPGA, two 12G SDIs (can be configured into either input or output), an HDMI2.0 input, an HDMI2.0 output, and a Gigabit Ethernet. It can be configured into a 4K@60 video transmitter (encoder) or receiver (decoder). Two of the VoIP-I-4K can be clipped together to do bidirectional 4K@60 encoding and decoding (transponder). Four of the VoIP-I-4K can be connected together for 8K@60 encoding (transmitter) or decoder (receiver). The dimension of the VoIP-I-4k is 107mmX87mm.

### Key Features

- Intel Arria-10 SX660 FPGA
- SOC Zero latency codec IP cores
- 2x12G HD-SDI ports for either inputs or outputs
- 24Gbit DDR3 Memory
- HDMI2.0 input and output
- Tri-Speed Ethernet (10/100/1000Mbps)

### VoIP-I-4K Top View



### VoIP-I-4K Bottom View

