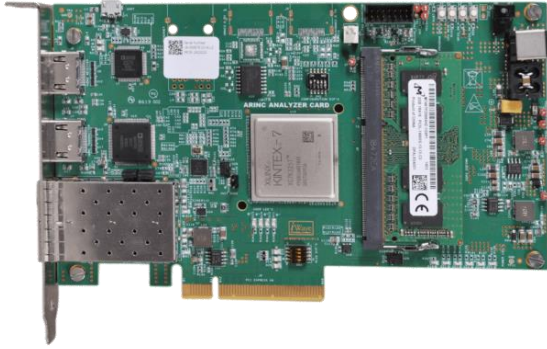


**Comprehensive**  
**ARINC 818 Solutions.....**

# **ARINC 818 to HDMI Converter**





iWave's Kintex-7 FPGA based half-length PCIe form factor conversion card is a rugged standalone module used for ARINC 818 to HDMI conversion, HDMI to ARINC 818 Conversion, 2x ARINC 818 Switch as well as ARINC 818 Duplicator/Splitter.

#### HIGHLIGHTS

- Dual Channel ARINC Input/Output via optical and copper medium
- Low Latency ARINC 818 to HDMI video Conversion and vice versa
- ARINC 818 link rate and resolution are configurable depending upon the customer requirement

#### SPECIFICATIONS

- Quick Customization as per customer Interface Control Document(ICD)
- Transmission medium: Optical fiber or 75-ohm/100-ohm/150-ohm Copper medium
- Video type: Progressive or Interlaced Full HD @60fps
- Cooling Method: Conduction cooled
- Operating temperature: Commercial Grade
- 1x HDMI Transmitter
- 1x HDMI Receiver
- 1x SFP Connector
- 1x Quadrx Connector
- 1x Debug UART

#### Supported Configurations

- ARINC 818 to HDMI Conversion
- HDMI to ARINC 818 Conversion
- 2x ARINC 818 Duplicator/Splitter
- 2x ARINC 818 Switch
- Form Factor: Half-length PCIe

iWave Systems an ISO9001:2015 certified, 20+ years old leading Embedded design house based in Bangalore and a global leader in ARINC 818 solutions for both Defence and Aerospace applications. iWave offers comprehensive ARINC 818 Products which will help quicker time to market, lower your overall cost and technical support during integration. iWave can also quickly customize the ARINC 818 products and deliver.

#### iW ARINC 818 to HDMI Converter

The device can be ordered online from the iWave website: <https://www.iwavesystems.com/product/arinc818-to-hdmi-protocol-converter/> Or from our Local Partners in your Region: <https://www.iwavesystems.com/business-partners/>

Note: iWave reserves the right to change these specifications without notice as part of iWave continuous effort to meet the best in breed specification. The registered trademarks are proprietary of the irrespective owners.

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