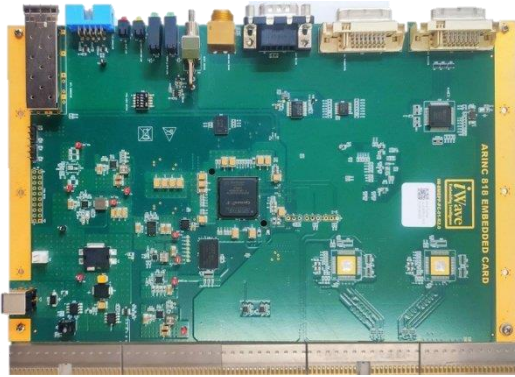


**Comprehensive**  
**ARINC 818 Solutions.....**

# **ARINC 818 to DVI Converter**





iWave's Cyclone V FPGA based 6U cPCI form factor conversion card is a rugged standalone module used for ARINC 818 to DVI conversion, DVI to ARINC 818 Conversion, ARINC 818 Mux as well as ARINC 818 Duplicator either on front panel or via cPCI back panel.

### HIGHLIGHTS

- Supported Configurations:
  - ARINC 818 to DVI Conversion
  - DVI to ARINC 818 Conversion
  - 2x ARINC 818 Duplicator/Splitter
  - 2x ARINC 818 Switch
- Quick customization as per customer Interface Control Document (ICD)
- Transmission Medium: Optical Fibre or 75-Ohm/100-Ohm/150-Ohm Copper Medium
- Video Input/Output: Either can be through backplane or on-board DVI & SFP/Quadrx Connectors
- Supports both progressive & interlaced video up to Full HD @ 60fps
- DVI and ARINC 818 can be configured over front panel or via backplane depending on the requirement.
- Power consumption <3W

### SPECIFICATIONS

#### Front Panel

1x DVI Transmitter  
1x DVI Receiver  
1x SFP Connector  
1x Quadrx Connector  
1x Debug UART

#### General

Cooling Method: Conduction cooled  
6U form factor cPCI MIL Grade board  
Operating temperature: Industrial Grade (-40 °C to +85 °C)

#### Back Panel

1x DVI Transmitter  
2x DVI Receiver  
2x ARINC 818 Transmitter Input via copper/optical  
1x ARINC 818 Receiver Input via copper/optical

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 DVI Converter

The device can be ordered online from the iWave website:  
<https://www.iwavesystems.com/product/arinc818-to-dvi-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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