

EB30HD2R-AN2

CVBS to SDI video SFP (emSFP) converter

Dual receiver, non-MSA, HD-BNC

The EB30HD2R-AN2 is an electrical SFP Dual Receiver module designed to decode two video composite (CVBS) signals over 75 ohms coaxial cables via HD-BNC connectors. The module decodes NTSC/PAL composite inputs and converts to SD-SDI signal

The EB30HD2R-AN2 is interchangeable with any others Non-MSA pinout optical video SFP or coaxial SFP module improving product flexibility.

The SFP form factor provides quick time-to-market and reduced development effort and cost. The EB30HD2R-AN2 is Pb-free and RoHS compliant.



ANALOG EMSFP SOLUTION



FEATURES

- ST259 Compliant
- Supports video pathological patterns for SD-SDI
- Support NTSC M, NTSC J, NTSC 4.43
- PAL B/G/H/I/D, PAL M, PAL N, PAL 60
- Control and monitoring via Serial interface:
 - Input Signal Detection
 - Voltage & Temperature Monitoring
 - Module Information
 - IO diagnostic
 - IO Configuration
- 10-bit Composite to SD-SDI video decoder
- Power consumption - 1300 mW
- Single Supply +3.3V
- 56.6mm x 13.4mm x 8.6mm SFP package

BENEFITS

- ✓ High-density, 2 independent composite converters;
- ✓ Legacy support with Non-MSA video cage;
- ✓ Saves costs by reducing power consumption and physical space;
- ✓ Accepts any I/O type while keeping your system design budget under control;
- ✓ Reduces development cost and risk;

ORDERING INFORMATION

EB30HD2R-AN2 CVBS to SDI converter

[Http://www.embrionix.com/product/family/video-sfp-coaxial](http://www.embrionix.com/product/family/video-sfp-coaxial)

For more information please contact
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ANALOG Converter emSFP

