

# EB30CSRT-LN-DA3

## 3G-SDI emSFP coaxial 1x3 Distribution Amplifier

DIN1.0/2.3, non-MSA

The EB30CSRT-LN-DA3 is a coaxial emSFP 1x3 Distribution Amplifier module with Reclocker which contains two DIN 1.0/2.3 connectors to transmit two copies of the same SDI signal up to 2.97Gbps.

The coaxial transmitter is designed to transmit SDI signal up to 2.97Gbps over coaxial cable. The module is carefully designed to support pathological test patterns.

The EB30CSRT-LN-DA3 is interchangeable with any others Non-MSA pinout optical, coaxial, SDI to IP or converter SFP improving product flexibility.

The SFP form factor provides quick time-to-market and reduced development effort and cost. The EB30CSRT-LN-DA3 is Pb-free and RoHS compliant.



## ACTIVE LOOPBACK AND DISTRIBUTION AMPLIFIER SOLUTION



## FEATURES

- ST424, ST292, ST259 Compliant
- Supports video pathological patterns for SD-SDI, HD-SDI and 3G-SDI
- Control and monitoring via Serial interface:
  - Input Signal Detection
  - Voltage & Temperature Monitoring
  - Module Information
  - IO diagnostic
  - IO Configuration
- Power consumption - 500 mW
- Operating temperature -40 to 80C
- Single Supply +3.3V
- 56.6mm x 13.4mm x 8.6mm SFP package

## BENEFITS

- ✓ High-density and future-proof architecture;
- ✓ Maximizes the transceiver SFP cages;
- ✓ 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

**EB30CSRT-LN-DA3** Coax Distribution amplifier  
[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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## COAXIAL DISTRIBUTION AMPLIFIER

