

EB90CS2T-MNE-13F

3G-SDI emSFP Hybrid Dual Transmitter

Reclocked, DIN1.0/2.3 /FP, non-MSA

The EB90CS2T-MNE-13F is an hybrid emSFP Dual Transmitter module with Reclocker which contains one DIN1.0/2.3 connector and one 1310nm Fabry-Perot (FP) laser designed to transmit two reclocked SDI signals up to 2.97Gbps.

The cable Driver slew rate is automatically. The optical transmitter is designed to transmit SDI signal up to 2.97Gbps over single mode. The module is carefully designed to support pathological test patterns.

The EB90CS2T-MNE-13F 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 EB90CS2T-MNE-13F is Pb-free and RoHS compliant.



Hybrid SOLUTION



FEATURES

- ST424, ST297, 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
- DIN1.0/2.3 & LC connector
- Power consumption - 850 mW
- Operating temperature range: 0°C to 70°C
- Single Supply +3.3V
- 56.6mm x 13.4mm x 8.6mm SFP package

BENEFITS

- ✓ Coaxial and optical maximize usage of a single SFP cage;
- ✓ Highest optical performance (fiber stub) and lowest defect rate in the market;
- ✓ 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

EB90CS2T-MNE-13F Hybrid Dual Transmitter
[Http://www.embrionix.com/product/family/video-sfp-hybrid](http://www.embrionix.com/product/family/video-sfp-hybrid)

For more information, please contact
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HYBRID DUAL TRANSMITTER

