

General Description

The **EBMUX4-RSL3B** is a System-On-Chip (iSOC) solution that interfaces on one side to a Sonet/SDH/ATM multiplexer or any Mux-Demux at 77.76MB/s and to a High-Efficiency 16QAM Quadrature Modem on the other. The module contains all transport overhead Mux-Demux functions, High-Efficiency Quadruple Error Correction (HE-QEC), AES encryption, Phase-Resolving, Error Performance Computations, and microprocessor interfacing circuitry.

Applications



The **EBMUX4-RSL3B** finds applications in:

- Radio/Wireless high-capacity Transport and Distribution systems
- First mile/Last mile millimeter wave radios
- May also be used on Synchronous Optical Networks

Features

The **EBMUX4-RSL3B**'s main features are:

- High-Efficiency Quadruple Error Correction (HE-QEC)
- Extensive transmission impairment monitoring
- AES 128-bit encryption
- Applicable to 16QAM quadrature modulation
- Error corrected Orderwire1/2, Data channels that meet Sonet/SDH/ATM requirements

For more information regarding this product, please contact sales at: 1-514-624-4458 or at sales2@newcoretech.com

You may also visit NewCore's web site at: www.newcoretech.com