

## General Description

The **EBMUX4-RSL1B** is a System-On-Chip (iSOC) solution that interfaces on one side to a Sonet/SDH/ATM multiplexer or any Mux-Demux at 155.52Mb/s and to a High-Efficiency 32QAM 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-RSL1B** finds applications in:

- Radio/Wireless high-capacity Transport and Distribution systems
- First mile/Last mile millimeter wave radios

## Features

The **EBMUX4-RSL1B**'s main features are:

- High-Efficiency Quadruple Error Correction (HE-QEC)
- Extensive transmission impairment monitoring
- AES 32-bit encryption
- Applicable to 32QAM quadrature modulation
- Error corrected Orderwire, 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](mailto:sales2@newcoretech.com)

You may also visit NewCore's web site at: [www.newcoretech.com](http://www.newcoretech.com)