

General Description

The **BCH4-B** is a System-On-Chip (iSOC) solution of High-Efficiency Quadruple Error Correcting (HE-QEC) encoders/decoders interfacing on one side to a multi megabit/gigabit Sonet/SDH/ATM multiplexer (or any Mux-Demux) and to a High-Efficiency Quadrature Modem or Optical Networks on the other. The BCH4-B is structured for $(2^{10} - 1)$ block lengths, with proprietary techniques for easily handling shortened codes. The BCH4-B is fully synchronous and is easily integrated into your system architecture.

Applications



The **BCH4-B** finds applications in:

- Radio/Wireless high-capacity Transport and Distribution systems
- Synchronous Optical Networks

Features

The **BCH4-B**'s main features are:

- High-Efficiency Quadruple Error Correction (HE-QEC)
- Extensive transmission impairment monitoring
- Applicable to any quadrature modulation
- Applicable to Synchronous Optical Networks

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