

## General Description

The **RS255-A** is a System-On-Chip (iSOC) solution of High-Efficiency Eight Symbol Correcting (HE-8SYMB) encoders/decoders interfacing on one side to a multi megabit/gigabit Sonet/SDH/ATM multiplexer (or any Mux-Demux) and to High-Speed Optical Networks or Quadrature Modem on the other. The RS255-A is structured for (255,239) block length/8-bit symbol wide. The RS255-A is fully synchronous and is easily integrated into you system architecture.

## Applications



The **RS255-A** is ITU G.709 and G.975 compatible; it finds applications in:

- Radio/Wireless high-capacity Transport and Distribution systems
- First mile/Last mile millimeter wave radios
- Synchronous Optical and Gigabit data Networks

## Features

The **RS255-A**'s main features are:

- High-Efficiency eight-symbol Error Correction (HE-8SYMB)
- Extensive transmission impairment monitoring
- Applicable to 256QAM quadrature modulation
- Drop-in solution to Gigabit data and Synchronous Optical Networks

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)