

General Description

The **MDM-HS1A** is a System-On-Chip (iSOC) solution that interfaces on one side to EBMUX/BMUX iSOC devices at an aggregate rate of up to 100MB/s (400Mb/s) and to a High-Speed DAC/ADC devices on the other. The module contains an adaptive equalizer, FIR filtering, and all the necessary digital circuitry to efficiently implement a 16QAM modem and interface to a standard 8-bit microprocessor bus.

Applications



The **MDM-HS1A** finds applications in:

- Radio/Wireless medium-capacity Transport and Distribution systems
- First mile/Last mile millimeter wave radios
- up to 100/102 MHz RF channelization plans

Features

The **MDM-HS1A**'s main features are:

- Fully digital Transversal Equalizer
- FIR digital filters
- Microprocessor interface

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