

## General Description

The **MDM-HS2A** 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 (500Mb/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 32QAM modem and interface to a standard 8-bit microprocessor bus.

## Applications



The **MDM-HS2A** 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-HS2A**'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](mailto:sales2@newcoretech.com)

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