

# EoC | Mstar CA4034



CA4034 is designed with Mst chipset solution to work between 7.5-86 MHz frequency with high transmission speed and good stability as well as low power consumption functions. It can provide multiple services such as CATV Data and VOD to meet the demand of a modern home network.

## Main Features:

- High performance with 100Mbps forwarding rate, suitable for current and future needs in the CATV industry.
- High sensitivity with link loss 90dB max.
- High out-off-band attenuation control and less insertion loss to improve TV output quality.
- Strong business control, supporting 802.1Q VLAN, 802.1P priority and interface speed limit functions.
- Easy installation, auto configuration distribution and plug-and-play for business.
- LED indicators for equipment and connection status.
- Green environment-friendly design with low power consumption, suitable for the future development of the data communication industry.

## Product Specifications **Mstar Terminal(CA4034)**

| Item                        | Description  |
|-----------------------------|--|
| Interface and LED Indicator | User Port: 4* 10/100 BASE-T FE port (RJ45)                                   |
|                             | 2* RF Port (FImperial): one for TV output, one for Data+TV input.            |
|                             | Power indicator  |
|                             | RF port status indicator   |
|                             | Ethernet port status indicator   |
| RF Index                    | Working Frequency: 7.5-86 MHz  |
|                             | Modulation Mode: OFDM  |
|                             | Encryption Mode: 128 bits AES  |
|                             | Working Mode: CSMA/CA, TDMA  |
|                             | RF Impedance: 75Ω  |
|                             | Max. Transmitting Power: 120dBuV   |
|                             | Link Loss: -90dB (linkable) / -60dB (max.)                                   |
| Software Function           | Support 802.1Q VLAN  |
|                             | Support SP, based on Slave/port speed limit, flow classification, flow label |
|                             | Support storm control, broadcast packet speed limit                          |
|                             | Support IGMP Snooping (v1/v2/v3)   |
|                             | Support slave port isolation   |
| Working Environment         | Working Temperature: -10~+45°C   |
|                             | Working Humidity: 10%~90%. Non-condensation.                                 |
|                             | Storage Temperature: -30~+70°C   |
|                             | Storage Humidity: 5%~90%. Non-condensation.                                  |
| Power Supply                | Power Supply: DC12V  |
|                             | Rated Power: 3.5W  |
| Physical Feature            | Size: 168mm (L) x 135mm (W) x 30mm (H)                                       |
|                             | Weight: 300g   |