



AT70XUSB

DVB-C Annex A (Cable TV) Receiver, TS Recorder with DVB-C to DVB-ASI Converter Function



Standard Features:

- Combined DVB-C Annex A Input and DVB-ASI Output Device.
- High Speed USB 2.0
- Windows 2000 & XP Drivers and BDA / Direct Show Drivers & API.
- Accompanied by DVStation2 Alitronika's Application Software.

Input

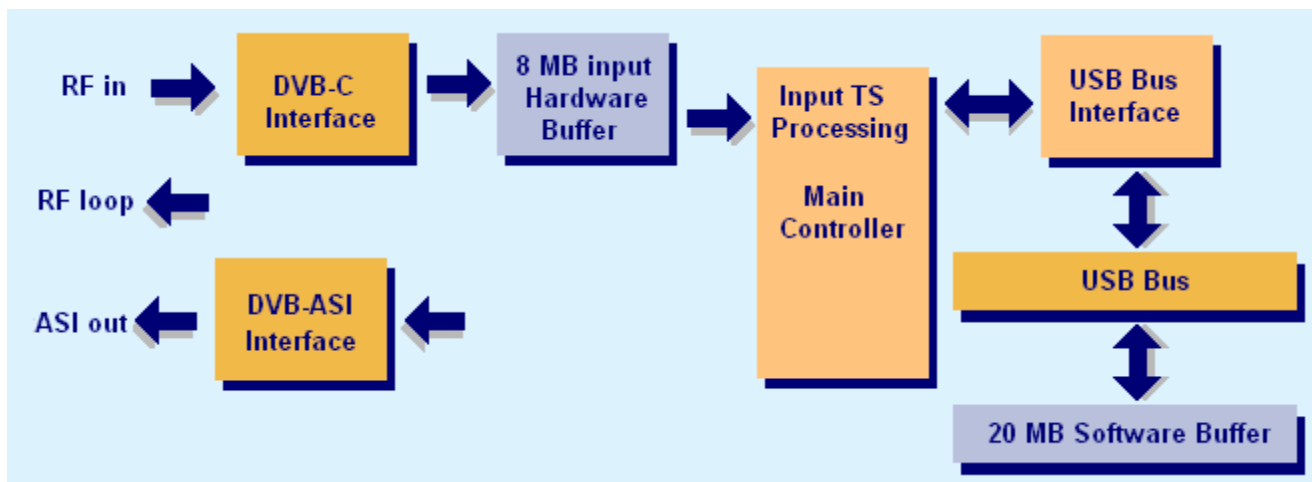
- DVB-C Compliant QAM Reception.
- Input Frequency Range: 47 MHz to 862 MHz.
- Symbol Rate: Variable capability from SACLK/64 to SACLK/4
- Supports 188, 204 Transport Packet Sizes.

Output

- DVB-ASI According to Standard A1010 Rev1 and EN50083.



Block Diagram:



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Applications:

Targeted for Digital Video Professionals, Sophisticated End Users and OEMs

The AT70XUSB is an ideal solution for a number of applications such as:

- Development Tools.
- DVB to IP Gateway.
- DVB-C to DVB-ASI Conversion.
- MPEG-II Transport Stream Recording, Monitoring & Processing.
- Software Based MPEGII Decoders.

Specifications:

- On Board Buffer: 8 Mbytes.
- RF Tuner Connector: 75 Ohms IEC female Type.
- Loop Through Connector: 75 Ohms IEC male Type.
- Input Frequency Range: 47 MHz to 862 MHz.
- Input Level: -15dBmV to +15dBmV.
- LO Step Size: 62.5 KHz.
- Standards: DVB-C (ETS 300-429/ITU-T J83 Annex A).
- Modulation Modes: 4/16/32/64/128 QAM.
- DVB-ASI Connector: 75 Ohms BNC.
- Output Signal level: 1.0Vp-p nominal.
- Bit Rate Stability: +/- 25ppm.
- DVB-ASI Output Clock: 270 MHz.



Connections to AT70XUSB

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