

## A New Generation of Tools For the Digital World

NEW

### ATSC MASTER FD™



a t s c

- High-Performance SMPTE 310M Interface Card
- Both Transmitter & Receiver on the same PCI 2.1 compliant half-sized card
- High-Speed Asynchronous I/O interface using Link List oscillator
- Highly stable local oscillator
- External Transmit clock input (ECL) option for Receiver
- On-board TCXO for internal Transmit clock reference

### DVB Master FD™



DVB  
Digital Video Broadcasting

- DVB Transmitter and Receiver on one PCI card
- Unlimited PID Filtering
- Large 1.5K buffer FIFOs eliminate latency problems
- Programmable Inter-byte and Inter-packet stuffing as per DVB specifications
- Advanced Transmit and Receiver capabilities
- Advanced link-list DMA Interface
- Cable Equalization on the receiver input

### MPEG-SHUTTLE™



- Cost Effective MPEG-Based Long Distance Digital Video Transmission System
  - Real-time MPEG-I or MPEG-II video transmission
  - 1 - 12 Mbps transmission rate
  - T1, E1, DVB, ATSC, 100BT, I/O supported
- Applications**
- Distance Learning Classroom
  - Studio to Remote Broadcasting

### DVB / ATSC ROCKET™



- Ultra High-Speed IP to DVB/ATSC Encapsulator
- The IP to DVB/ATSC network driver is fully included in the OS Kernel
- Aggregated packet throughput to full transponder range (100 Mbps max.)
- Easy to use remote monitoring & control via secure shell access
- User level access is controlled by password security
- It can run as an IP to DVB/ATSC switch
- PSI/SI table implementation according to MPEG-II standards

### PID Detective™



- ATSC or DVB Quad PID Data Rate Monitoring and Reporting System
- Monitors up to 4 PIDs
- Test stream for PIDs present
- Generates a user programmable test stream
- SMPTE 310M or DVB ASI input/output
- Runs a software application on an alert event
- Instant E-Mail alerts
- Easy-to-use GUI
- Ethernet port

### ATSC Loop™



- ATSC Test Stream Generation System
- GUI Interface Playback of captured or user selected files
- Null packet stream mode with correct MPEG-II TS header information
- SNMP Remote start/stop and looping control for enterprise wide use
- Excellent Price-to-Performance Ratio
- Also available in DVB standard



Computer Modules

www.computermodules.com

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Tel 408-496-1881 Fax 408-496-1886

## Calendar

### SMPTE Activities

#### LOS ANGELES, CA

Siggraph 2001, SMPTE Booth No. 905. August 14-16, 2001.

#### NEW YORK, NY

143rd Technical Conference & Exhibition. November 4-7, 2001.

#### DALLAS, TX

36th Advanced Motion Imaging Conference. February 7-9, 2002.

#### PASADENA, CA

144th Technical Conference & Exhibition. October 23-26, 2002.

For more information on these and other SMPTE activities, contact SMPTE Headquarters:

Tel: (914) 761-1100  
Fax: (914) 761-3115

## SEPTEMBER

IBC2001, Amsterdam, The Netherlands. Info: IBC, Aldwych House, 81 Aldwych, London WC2B 4EL, U.K.; tel: +44 (0)20 7611 7500; e-mail: show@ibc.org; website: www.ibc.org. September 14-18, 2001.

17th Annual Technical Excellence and Creativity (TEC) Awards, New York, NY. Info: Karen Dunn, 6400 Hollis St., Ste. 12, Emeryville, CA 94608; tel: (925) 939-6149; e-mail: KarenTEC@aol.com; website: www.tecawards.org. September 22, 2001.

## OCTOBER

12th International Audio, Video, Broadcasting, Motion Picture and Telecommunications Show (IBTS), Milan, Italy. Info: Via Domenichino, 11-20149 Milan, Italy; tel: +39-02 4815541; e-mail: assoexpo@asso-

expo.com; website: www.assoexpo.com. October 4-8, 2001.

High Falls Film Festival, Rochester, NY. Info: High Falls Film Festival, 240 East Ave., Rochester, NY 14604; tel: (716) 258-0400. October 17-21, 2001.

11th Consecutive Broadcast India 2001, Mumbai, India. Info: Saicom Trade Fairs & Exhibitions Pvt. Ltd., 148 Admiralty House, Near Colaba Bus Station, Mumbai-400 005, India; tel: (91-22) 215 1396/215 2721; fax: (91-22) 215 1269. October 30 - November 3, 2001.

## FEBRUARY 2002

National Engineers Week, Washington, DC. Info: National Engineers Week Headquarters, 1420 King Street, Alexandria, Virginia 22314; tel: (703) 684-2852; website: www.eweek.org. February 17-23, 2002.