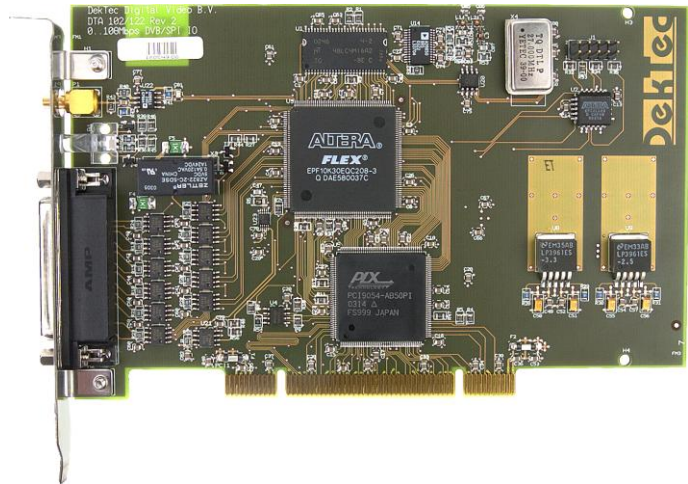


# DVB-SPI (LVDS) Output Adapter for PCI Bus

- ❑ 0...108 Mbit/s, 8-MBytes buffer
- ❑ Support for external signal adapters
- ❑ External clock input

## FEATURES

- High-speed Transport-Stream output, compliant to DVB-SPI (Synchronous Parallel Interface) as defined in DVB BlueBook A010 rev 1 and EN50083-9
- Support for external signal adapters
- Clock rate from 0 to 13.5 MHz with software-selectable clock source:
  - external clock input, or
  - on-board clock generator
- Short-circuit detection with LED indicator
- 8-Mbytes on-board buffer
- Hardware-assisted NULL packet insertion
- Packet sizes supported: 130, 188, 192 and 204 bytes; arbitrary size in raw mode
- Transmit modes for adding 16 bytes to 188-byte packets and for invalidating last 16 bytes of 204-byte packets
- Comes with free:
  - Windows-XP/2k3/Vista and Linux device driver and Software Development Kit for developing custom applications
  - Example source code for stream player



## APPLICATIONS

- General purpose DVB-SPI output adapter for PC-based applications generating an MPEG-2 transport stream
- DTA-102 with DTC-300 *StreamXpress*: versatile MPEG-2 transport-stream test generator with 8-bit parallel LVDS or TTL (with DTT-01) output
- Laboratory test-signal generator

## KEY ATTRIBUTES

Parameter	Value
Physical layer	DVB-SPI (LVDS)
DVB-SPI connector	25-pin sub-D
External-clock connector	50-Ω SMA
DVB-SPI clock rate	0 .. 13.5MHz
Clock-generator resolution	<0.1Hz
Transmit bitrate	0 .. 108Mbit/s
Packet size in bytes	130,188,192,204*
Target-adapter power supply	5V, 2A

\* Arbitrary packet size in raw mode

## RELATED PRODUCTS

Type	Description
DTT-01/TTL	LVDS-to-TTL converter for DTA-102
DTE-CA25	1.5m or 2.5m DVB-SPI cable
DTE-MF25	DTA-102 to DTT-01 cable
DTA-122	DVB-SPI input adapter for PCI bus

## ORDERING INFORMATION

Type	Description
DTA-102-SP	DVB-SPI output adapter for PCI bus with <i>StreamXpress</i> player software

Please refer to [www.dektec.com](http://www.dektec.com) for the latest pricing and a list of distributors and resellers.