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Find the *DekTec DTA-102* at our website: ***Click HERE***

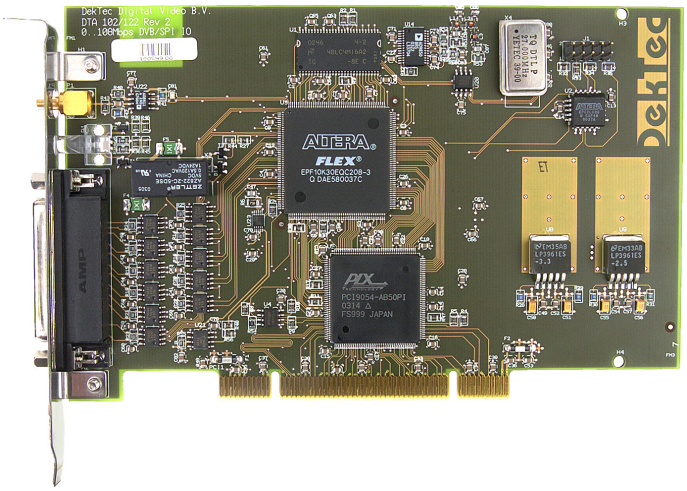


DVB-SPI (LVDS) Output Adapter for PCI Bus

- 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 document A010 rev 1 and EN50083
- 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-2000/XP/2003 & 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*** software: 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…13.5 MHz
Clock-Generator Resolution	<0.1 Hz
Transmit Bit Rate	0…108 Mbit/s
Packet Size in Bytes	130,188,192,204*
Target-Adapter Power Supply	5 V, 2 A

* Arbitrary packet size in raw mode

RELATED PRODUCTS

Type	Description
DTT-01/TTL	LVDS→**TTL** Converter for DTA-102
DTA-122	DVB-SPI **Input** Adapter for PCI Bus
DTC-300	***StreamXpress* Player** software

ORDERING INFORMATION

Type	Description
DTA-102	DVB-SPI Output Adapter for PCI Bus
DTA-102SP	DTA-102 with ***StreamXpress***

Please refer to **www.dektec.com** for the latest pricing and a list of distributors and resellers.

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