

DLP DESIGN USB Interface Products



This product is RoHS compliant.



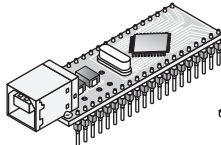
"Add USB to your next project--it's easier than you might think!"

DLP Design's USB Interface products provide a high-speed, hot-swappable, user-friendly connection between your electronic device and a host PC. The USB interface will provide up to 500mA at 5 volts of power for your electronics. These boards make the extremely complex USB Interface easy for just about anyone to start using, without requiring any in-depth prior knowledge.

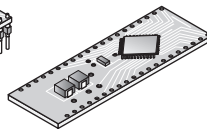
DUAL CHANNEL USB ADAPTERS

626-DLP2232M-G

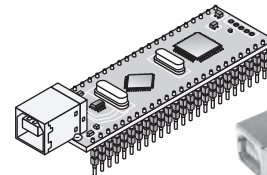
The DLP-2232M uses FTDI's FT232C 3RD generation Dual Channel USB-FIFO/UART and offers a simple solution for interfacing ASIC/MCU/ FPGA/DSP based designs to a host computer via USB. Each channel can be configured for either USB-UART or USB-FIFO via the on-board setup EEPROM. Rev 3 silicon from FTDI. No in-depth knowledge of USB required!



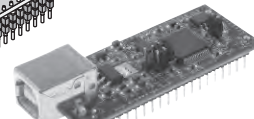
626-DLP2232M-G



626-DLP2232ML-G



626-DLP2232PB-G



626-DLP2232H

626-DLP2232ML-G

Same functional design as the DLP-2232M, the DLP-2232ML is perfect for space constrained designs.

- Dual channel, each can be configured for USB-FIFO or USB-UART
- Up to 8 megabit per second data rate
- USB 1.1/2.0 Compatible

626-DLP2232PB-G / 626-DLP2232PB-CCS

The DLP-2232PB uses FTDI's 3RD generation FT232C USB IC and a PIC Microchip 16F877A to form a rapid prototyping development tool. On-board firmware uploader included - no device programmer required!

626-DLP-2232H

The DLP-2232H is DLP Design's premier USB-to-UART/FIFO interface module based on FTDI's 5th generation USB 2.0 High Speed (480Mb/s) silicon. The DLP-2232H is manufactured in a lead-free, RoHS-compliant, compact 40-pin, 0.1-inch spaced standard 0.6 inch wide DIP footprint.

Embedded Modules



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	DLP Part No.	Price Each		
		1	50	100
626-DLP2232M-G	DLP-2232M-G	35.00	32.09	30.95
626-DLP2232ML-G	DLP-2232ML-G	29.95	28.99	27.50
626-DLP-2232PB-G	DLP-2232PB-G	50.00	44.10	43.75
626-DLP-2232H	DLP-2232H	32.96	30.35	29.20

USB ADAPTER BOARDS

DLP-USB245M-G

- Add USB connectivity to your next project
- Up to 8 megabit per second data rate
- USB 1.1 compliant
- Simple FIFO interface to MCU, FPGA, CPU, etc.
- Rev 2 silicon from FTDI
- No in-depth knowledge of USB required
- RoHS Compliant

The DLP-USB245M USB-FIFO adapter offers a simple straight-forward solution for interfacing ASIC or MCU based designs to USB. It comes complete with royalty-free drivers for most common operating systems. Features include an easy to use FIFO-like interface, a data transfer rate of up to 8 megabits per second and a standard .6 inch, 24 pin DIP footprint.

DLP-USB232M-G

- Easily convert legacy RS-232 devices to USB
- Up to 3 megabaud data rate
- USB 1.1 compliant
- Full handshaking & modem interface signals
- Rev 2 silicon from FTDI
- No in-depth knowledge of USB required
- RoHS Compliant

The DLP-USB232M USB-UART Adapter PCB is the ideal solution for upgrading legacy RS232 designs to USB. It comes complete with royalty-free drivers for most common operating systems. Features include data transfer rates of up to 3 million baud, a full set of modern handshaking controls and a standard .6 inch, 24 pin DIP footprint.

626-DLP-USB232R

The DLP-USB232R is DLP Design's smallest USB-to-serial UART interface module, and it utilizes the popular FT232R IC with the FTDIChip-ID™ feature from FTDI. In addition to enabling standard USB-to-serial designs, both asynchronous and synchronous bit-bang interface modes are available.



626-DLP-USB232M-G



626-DLP-USB245M-G

626-DLP-USB1232H

The DLP-USB1232H is DLP Design's premier USB-to-UART/FIFO interface module based upon FTDI's fifth-generation USB 2.0 High Speed (480Mb/s) silicon. The DLP-USB1232H is available in a lead-free, RoHS-compliant, compact, 18-pin, 0.1-inch spaced standard DIP footprint.



626-DLP-USB1232H



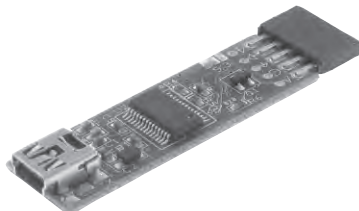
626-DLP-USB232R

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	DLP Part No.	Description	Package	Price Each		
				1	50	100
626-DLP-USB245M-G	DLP-USB245M-G	DLP-USB245M USB-FIFO Adapter PCB	DIP-24	25.00	23.25	22.40
626-DLP-USB232M-G	DLP-USB232M-G	DLP-USB232M USB-UART Adapter PCB	DIP-24	25.00	23.25	22.40
626-DLP-USB1232H	DLP-USB1232H	DLP-USB1232 USB to UART/FIFO Adapter PCB	DIP-18	28.95	27.99	27.50
626-DLP-USB232R	DLP-USB232R	DLP-USB232R USB to UART Adapter PCB	DIP-18	18.00	16.25	15.88

USB TO SERIAL ADAPTER

This USB-to-serial adapter is designed to easily connect a microcontroller/DSP/FPGA/etc to a host PC or upgrade a legacy RS232 device to USB with minimal design effort. Virtual Com Port (VCP) drivers are provided royalty-free that make the DLP-TXRX look like a standard Windows/Linux/Mac RS232 port to the users host program. An attractive quantity discount structure makes this module suitable for incorporation into low- and medium-volume finished products.

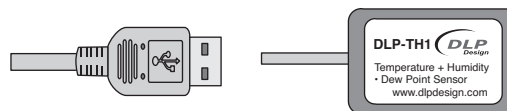


For quantities greater than listed, call for quote.

MOUSER STOCK NO.	DLP Part No.	Price Each	
		1	100
626-DLP-TXRX-G	DLP-TXRX-G	20.00	17.92

DLP-TH1 TEMPERATURE AND HUMIDITY SENSOR

The DLP-TH1 is shipped with Windows 98/ME/2000/XP compatible software and USB drivers. Additionally, the most recent versions of the application software and USB drivers for the DLP-TH1 are available as a free download from www.dlpdesign.com/usb/th1.html.



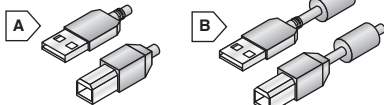
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	DLP Part No.	Description	Price Each		
			1	25	100
626-DLP-TH1B	DLP-TH1-B	Temperature and Humidity Sensor	89.95	86.90	83.75

USB CABLES

Features:

- UL2725 Cable
- 100% Open, short & mis-wire tested
- RoHS Compliant



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig	Color	Length (in.)	Description	Price Each			
					1	25	100	500
172-1024-E	A	Black	1.8M (71)	USB A male to USB B male	6.92	5.32	4.84	4.40
172-1027-E	B	Black	1.5M (59)	Filtered USB A male to USB B male	7.13	5.47	4.98	4.52