

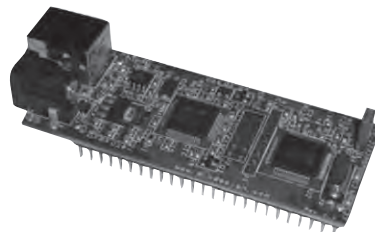
DLP DESIGN RFID and ZigBee™ Modules



Products may be RoHS compliant. Check mouser.com for RoHS status.

DLP USB/MICROCONTROLLER MODULE

The DLP-2232MSPF combines the same USB interface used in the DLP-2232H and the DLP-1232H modules with a Texas Instruments microcontroller with internal FRAM to form a rapid development tool. The MSP430FR5739 microcontroller is preprogrammed with basic functionality for accessing the port pins and can be reprogrammed with user firmware via a 12-pin header using the MSP-FET430UIF device programmer/debugger (purchased separately).



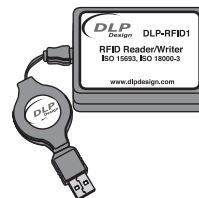
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	DLP Part No.	Description	Price Each	
			1	10
626-DLP-2232MSPF	DLP-2232MSPF	USB Interface Microcontroller Module	59.95	56.72

DLP-RFID1 RFID READER AND WRITER

The DLP-RFID1 is a low-cost, USB-powered module for reading from and writing to ISO 15693, ISO 18000-3, and Tag-it™ intelligent RFID transponder tags. It has the ability to both read and write up to 256 bytes of data in addition to reading the unique identifier (UID/SID). All of the DLP-RFID1's electronics and antenna reside within the compact unit, and all operational power is taken from the host PC via the USB interface. The range of the internal antenna is up to 4 inches depending upon the size of the tag being read.

Retail Version



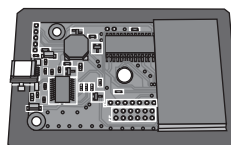
Applications:

- Real-Time Security
- Personal Identification
- Pharmaceutical Tracking
- Inventory/Asset Management & Tracking
- Library/Book Management & Tracking
- Baggage Tagging
- Sports Event Timing

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	DLP Part No.	Description	Price Each	
			1	10
626-DLP-RFID1-RG	DLP-RFID1-RG	Includes reader, retractable USB cable and an assortment of tags	119.95	117.00
626-DLP-RFID1-OG	DLP-RFID1-OG	OEM Board Only	94.50	89.50

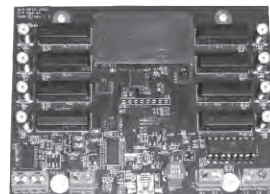
OEM Version



DLP-RFID-LP8C 8-CHANNEL RFID READER/WRITER

The DLP-RFID-LP8C is a low-cost, USB-powered module for reading from and writing to ISO 15693, ISO 18000-3 and Tag-it™ intelligent RFID transponder tags via up to eight external antennas. It has the ability to both read and write up to 256 bytes of data in addition to reading the unique identifier (UID/SID). All of the DLP-RFID-LP8C's electronics reside on a single, compact PCB; and all operational power is taken from the host Windows/Windows CE/Linux PC via the USB interface. Up to eight external antennas can be connected via standard SMA connectors.

DLP-RFID-LP8C



Features:

- ISO 15693, 18000-3, 14443, Tag-it™ HF-I Compatible
- Can read the UID/SID of up to 15 Tags Simultaneously
- 13.56MHz Reader/Writer
- 8 Channels for External Antenna Connections
- FCC/IC/CE Modular Approvals in Place
- USB Port Powered from Windows, CE or Linux PC
- Both USB and RS232 Interfaces Provided
- USB Interface; No Driver Development Required for Windows, CE or Linux PC
- Operating Temperatures: 0°C to 70°C
- Dimensions: (L x W x H) 4.36" x 3.32" x 0.6

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	DLP Part No.	Description	Price Each
626-DLP-RFID-LP8C	DLP-RFID-LP8C	8-channel RFID reader	199.95
626-DLP-RFID-ANT	DLP-RFID-ANT	Round Antenna with Coax, with 15-foot cable	39.95
626-DLP-FANT	DLP-FANT	Ferrite Antenna, DLP-COAX1 needed	19.95
626-DLP-COAX1	DLP-COAX1	Coax with RPSMA connector	16.95

DLP-RFID-ANT



DLP 802.15.4/ZIGBEE™ READY MODULE

The DLP-RF2 OEM Module is a short-range, low-power, 2.4GHz, unlicensed worldwide ISM band transceiver designed around the IEEE 802.15.4 Wireless Standard. It supports point-to-point and star network configuration using preprogrammed firmware.



RoHS Compliant

DLP-RF2 - 2.4 GHZ OEM RF Transceiver Module

The DLP-RF2 combines a Freescale™ MC13192 2.4GHz Direct-Sequence, Spread-Spectrum RF Transceiver IC and Freescale MC9S08GT60 microcontroller to form an IEEE 802.15.4 compliant, ZigBee™ ready, short-range transceiver module. The DLP-RF2 connects to user electronics via a standard, 20-pin male header.

The MC9S08GT60 microcontroller is preprogrammed with DLP Design's Serial Interface Packet Processor (SIPP™ firmware) for accessing the transceiver functions via simple serial calls. Interface to an external serial host microcontroller/DSP/FPGA, etc. is accomplished via a simple 2-wire (RX, TX, and ground) interface.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	DLP Part No.	Price Each			
		1	10	100	250
626-DLP-RF2-Z-G	DLP-RF2-Z-G	35.00	32.00	27.00	25.00

