



Micrel / Microchip Technology

## PIC16LF1825-E/ML

Part Number: PIC16LF1825-E/ML  
 Manufacturer/Brand: Micrel / Microchip Technology  
 Product description: IC MCU 8BIT 14KB FLASH 16QFN  
 Datasheets:  
 1. [PIC16LF1825-E/ML.pdf](#)  
 2. [PIC16LF1825-E/ML.pdf](#)  
 3. [PIC16LF1825-E/ML.pdf](#)  
 4. [PIC16LF1825-E/ML.pdf](#)  
 RoHS Status: Lead free / RoHS Compliant  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

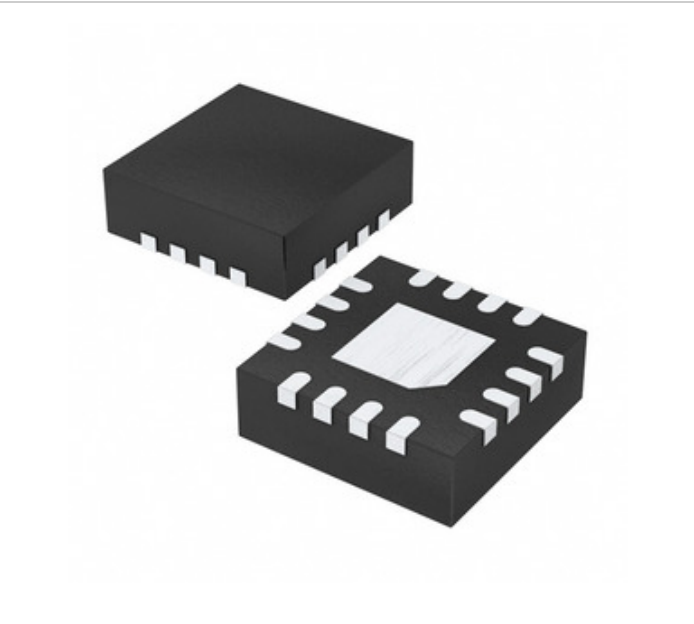


Image may be representation. See specifications for product details.

[REQUEST FOR QUOTATION](#)

### Specifications of PIC16LF1825-E/ML

PART NUMBER	PIC16LF1825-E/ML
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 14KB FLASH 16QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">1. PIC16LF1825-E/ML.pdf</a> <a href="#">2. PIC16LF1825-E/ML.pdf</a> <a href="#">3. PIC16LF1825-E/ML.pdf</a> <a href="#">4. PIC16LF1825-E/ML.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	16-QFN (4x4)
SPEED	32MHz
SERIES	PIC® XLP™ mTouch™ 16F
RAM SIZE	1K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	14KB (8K x 14)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, WDT
PACKAGING	Tube
PACKAGE / CASE	16-VQFN Exposed Pad
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	11
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	14 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	256 x 8
DETAILED DESCRIPTION	PIC PIC® XLP™ mTouch™ 16F Microcontroller IC 8-Bit 32MHz 14KB (8K x 14) FLASH 16-QFN (4x4)
DATA CONVERTERS	A/D 8x10b
CORE SIZE	8-Bit
CORE PROCESSOR	PIC
CONNECTIVITY	I <sup>2</sup> C, LINbus, SPI, UART/USART
BASE PART NUMBER	PIC16LF1825

### Related Tags

Micrel / Microchip Technology PIC16LF1825-E/ML	PIC16LF1825-E/ML Distributor	PIC16LF1825-E/ML Supplier
PIC16LF1825-E/ML Price	PIC16LF1825-E/ML Pictures	PIC16LF1825-E/ML Image
PIC16LF1825-E/ML PDF Datasheet	PIC16LF1825-E/ML Download Datasheet	PIC16LF1825-E/ML Datasheet
PIC16LF1825-E/ML Stock	Buy PIC16LF1825-E/ML	Buy Micrel / Microchip Technology PIC16LF1825-E/ML
Micrel / Microchip Technology PIC16LF1825-E/ML	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology PIC16LF1825-E/ML	Microchip Technology PIC16LF1825-E/ML	Roving Networks / Microchip Technology PIC16LF1825-E/ML

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 <b>PIC16LF1825-E/P</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 14KB FLASH 14DIP In stock: Out stock <a href="#">RFQ</a>	 <b>PIC16LF1825-E/SL</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 14KB FLASH 14SOIC In stock: Out stock <a href="#">RFQ</a>
 <b>PIC16LF1825-I/JQ</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 14KB FLASH 16UQFN In stock: Out stock <a href="#">RFQ</a>	 <b>PIC16LF1824T39AT-I/ST</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 7KB FLASH 20TSSOP In stock: Out stock <a href="#">RFQ</a>
 <b>PIC16LF1825-E/ST</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 14KB FLASH 14TSSOP In stock: 409 pcs <a href="#">RFQ</a>	 <b>PIC16LF1825-I/ML</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 14KB FLASH 16QFN In stock: Out stock <a href="#">RFQ</a>
 <b>PIC16LF1824T-I/SL</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 7KB FLASH 14SOIC In stock: Out stock <a href="#">RFQ</a>	 <b>PIC16LF1824T-I/ST</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 7KB FLASH 14TSSOP In stock: Out stock <a href="#">RFQ</a>
 <b>PIC16LF1825-E/JQ</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 14KB FLASH 16UQFN In stock: Out stock <a href="#">RFQ</a>	 <b>PIC16LF1824T39A-I/ST</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 7KB FLASH 20TSSOP In stock: 440 pcs <a href="#">RFQ</a>
 <b>PIC16LF1825-I/P</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 14KB FLASH 14DIP In stock: 101 pcs <a href="#">RFQ</a>	 <b>PIC16LF1824T-I/ML</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 7KB FLASH 16QFN In stock: Out stock <a href="#">RFQ</a>

