



Micrel / Microchip Technology

PIC16F818-E/ML

Part Number: PIC16F818-E/ML

Manufacturer/Brand: Micrel / Microchip Technology

Product description: IC MCU 8BIT 1.75KB FLASH 28QFN

Datasheets:

- [1.PIC16F818-E/ML.pdf](#)
- [2.PIC16F818-E/ML.pdf](#)
- [3.PIC16F818-E/ML.pdf](#)
- [4.PIC16F818-E/ML.pdf](#)
- [5.PIC16F818-E/ML.pdf](#)
- [6.PIC16F818-E/ML.pdf](#)
- [7.PIC16F818-E/ML.pdf](#)
- [8.PIC16F818-E/ML.pdf](#)

RoHS Status

Lead free / RoHS Compliant

Ship From

Hong Kong

REQUEST FOR QUOTATION

DHL/Fedex/TNT/UPS/EMS

Image may be representation. See specifications for product details.

Specifications of PIC16F818-E/ML

PART NUMBER	PIC16F818-E/ML
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 1.75KB FLASH 28QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.PIC16F818-E/ML.pdf 2.PIC16F818-E/ML.pdf 3.PIC16F818-E/ML.pdf 4.PIC16F818-E/ML.pdf 5.PIC16F818-E/ML.pdf 6.PIC16F818-E/ML.pdf 7.PIC16F818-E/ML.pdf 8.PIC16F818-E/ML.pdf
VOLTAGE - SUPPLY (VCC/VDD)	4 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	28-QFN (6x6)
SPEED	20MHz
SERIES	PIC® 16F
RAM SIZE	128 x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	1.75KB (1K x 14)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, WDT
PACKAGING	Tube
PACKAGE / CASE	28-VQFN Exposed Pad
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	16
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	18 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	128 x 8
DETAILED DESCRIPTION	PIC PIC® 16F Microcontroller IC 8-Bit 20MHz 1.75KB (1K x 14) FLASH 28-QFN (6x6)
DATA CONVERTERS	A/D 5x10b
CORE SIZE	8-Bit
CORE PROCESSOR	PIC
CONNECTIVITY	I ² C, SPI
BASE PART NUMBER	PIC16F818

Related Tags

Micrel / Microchip Technology PIC16F818-E/ML	PIC16F818-E/ML Distributor	PIC16F818-E/ML Supplier
PIC16F818-E/ML Price	PIC16F818-E/ML Pictures	PIC16F818-E/ML Image
PIC16F818-E/ML PDF Datasheet	PIC16F818-E/ML Download Datasheet	PIC16F818-E/ML Datasheet
PIC16F818-E/ML Stock	Buy PIC16F818-E/ML	Buy Micrel / Microchip Technology PIC16F818-E/ML
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Related Products

<p>PIC16F785T-I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 3.5KB FLASH 20QFN In stock: Out stock RFQ</p>	<p>PIC16F818-E/P Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 1.75KB FLASH 18DIP In stock: Out stock RFQ</p>
<p>PIC16F818-I/MLTSL Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 1.75KB FLASH 28QFN In stock: Out stock RFQ</p>	<p>PIC16F818-E/SS Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 1.75KB FLASH 20SSOP In stock: Out stock RFQ</p>
<p>PIC16F818-I/P Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 1.75KB FLASH 18DIP In stock: Out stock RFQ</p>	<p>PIC16F785T-I/SS Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 3.5KB FLASH 20SSOP In stock: Out stock RFQ</p>
<p>PIC16F785T-I/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 3.5KB FLASH 20SOIC In stock: Out stock RFQ</p>	<p>PIC16F785T-E/SS Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 3.5KB FLASH 20SSOP In stock: Out stock RFQ</p>
<p>PIC16F818-E/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 1.75KB FLASH 18SOIC In stock: Out stock RFQ</p>	<p>PIC16F818-I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 1.75KB FLASH 28QFN In stock: Out stock RFQ</p>
<p>PIC16F785-I/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 3.5KB FLASH 20SOIC In stock: Out stock RFQ</p>	<p>PIC16F785-I/SS Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 3.5KB FLASH 20SSOP In stock: Out stock RFQ</p>



