




Micrel / Microchip Technology

## PIC16LF1828-E/ML

Part Number: PIC16LF1828-E/ML  
 Manufacturer/Brand: Micrel / Microchip Technology  
 Product description: IC MCU 8BIT 7KB FLASH 20QFN  
 Datasheets: [1.PIC16LF1828-E/ML.pdf](#)  
[2.PIC16LF1828-E/ML.pdf](#)  
 RoHs Status:  Lead free / RoHS Compliant  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

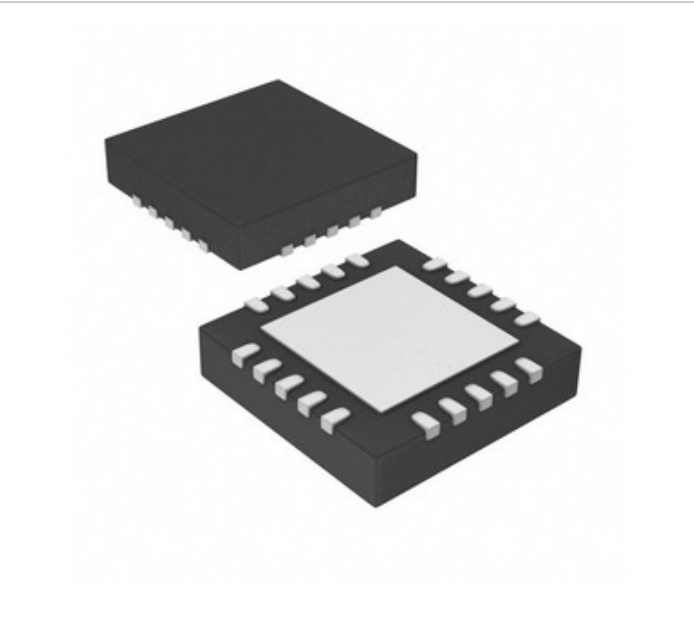


Image may be representation. See specifications for product details.

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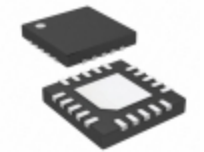
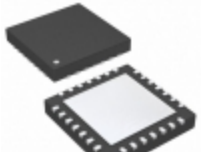



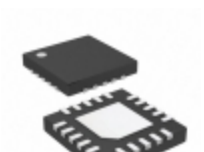



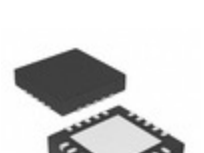

### Specifications of PIC16LF1828-E/ML

PART NUMBER	PIC16LF1828-E/ML
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 7KB FLASH 20QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">1.PIC16LF1828-E/ML.pdf</a> <a href="#">2.PIC16LF1828-E/ML.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	20-QFN (4x4)
SPEED	32MHz
SERIES	PIC® XLP™ mTouch™ 16F
RAM SIZE	256 x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	7KB (4K x 14)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, WDT
PACKAGING	Tube
PACKAGE / CASE	20-VFQFN Exposed Pad
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	17
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
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 7KB (4K x 14) FLASH 20-QFN (4x4)
DATA CONVERTERS	A/D 12x10b
CORE SIZE	8-Bit
CORE PROCESSOR	PIC
CONNECTIVITY	I <sup>2</sup> C, SPI, UART/USART
BASE PART NUMBER	PIC16LF1828

### Related Tags

Micrel / Microchip Technology PIC16LF1828-E/ML	PIC16LF1828-E/ML Distributor	PIC16LF1828-E/ML Supplier
PIC16LF1828-E/ML Price	PIC16LF1828-E/ML Pictures	PIC16LF1828-E/ML Image
PIC16LF1828-E/ML PDF Datasheet	PIC16LF1828-E/ML Download Datasheet	PIC16LF1828-E/ML Datasheet
PIC16LF1828-E/ML Stock	Buy PIC16LF1828-E/ML	Buy Micrel / Microchip Technology PIC16LF1828-E/ML
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Micrel / Microchip Technology PIC16LF1828-E/ML	Microchip Technology PIC16LF1828-E/ML	Roving Networks / Microchip Technology PIC16LF1828-E/ML

### Related Products

 <p><b>PIC16LF1828-E/P</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 20DIP                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>PIC16LF1828-I/GZ</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 20UQFN                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>PIC16LF1827T-I/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 28QFN                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>PIC16LF1828-E/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 20SOIC                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>PIC16LF1828-E/SS</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 20SSOP                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>PIC16LF1827T-I/SS</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 20SSOP                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>PIC16LF1828-E/GZ</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 20UQFN                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>PIC16LF1827T-I/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 18SOIC                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>PIC16LF1827T-I/MV</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 28UQFN                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>PIC16LF1828-I/P</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 20DIP                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>PIC16LF1828-I/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 20QFN                  In stock: 311 pcs  <a href="#">RFQ</a></p>	 <p><b>PIC16LF1827-I/SS</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 20SSOP                  In stock: Out stock  <a href="#">RFQ</a></p>

