



Micrel / Microchip Technology

## PIC16F87-E/ML

Part Number: PIC16F87-E/ML  
 Manufacturer/Brand: Micrel / Microchip Technology  
 Product description: IC MCU 8BIT 7KB FLASH 28QFN

Datasheets:

- [1.PIC16F87-E/ML.pdf](#)
- [2.PIC16F87-E/ML.pdf](#)
- [3.PIC16F87-E/ML.pdf](#)
- [4.PIC16F87-E/ML.pdf](#)
- [5.PIC16F87-E/ML.pdf](#)
- [6.PIC16F87-E/ML.pdf](#)
- [7.PIC16F87-E/ML.pdf](#)
- [8.PIC16F87-E/ML.pdf](#)
- [9.PIC16F87-E/ML.pdf](#)
- [10.PIC16F87-E/ML.pdf](#)

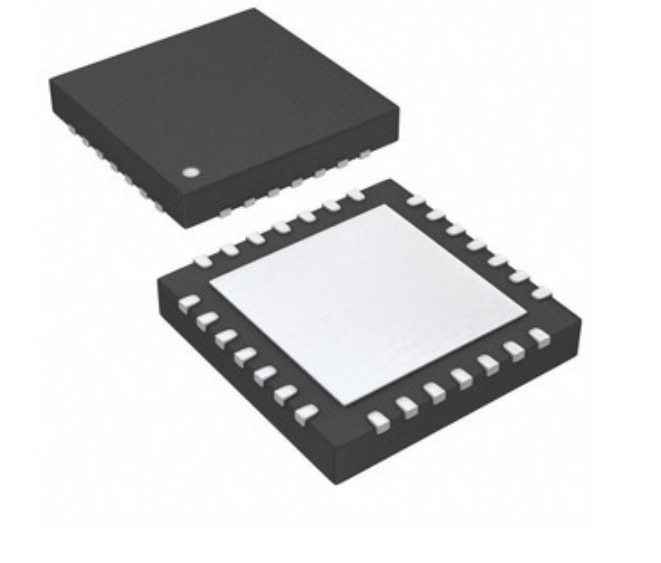


Image may be representation. See specifications for product details.

**REQUEST FOR QUOTATION**

Lead free / RoHS Compliant

5761 pcs stock

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

### Specifications of PIC16F87-E/ML

PART NUMBER	PIC16F87-E/ML
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 7KB FLASH 28QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	5761 pcs
DATA SHEET	<ul style="list-style-type: none"> <li><a href="#">1.PIC16F87-E/ML.pdf</a></li> <li><a href="#">2.PIC16F87-E/ML.pdf</a></li> <li><a href="#">3.PIC16F87-E/ML.pdf</a></li> <li><a href="#">4.PIC16F87-E/ML.pdf</a></li> <li><a href="#">5.PIC16F87-E/ML.pdf</a></li> <li><a href="#">6.PIC16F87-E/ML.pdf</a></li> <li><a href="#">7.PIC16F87-E/ML.pdf</a></li> <li><a href="#">8.PIC16F87-E/ML.pdf</a></li> <li><a href="#">9.PIC16F87-E/ML.pdf</a></li> <li><a href="#">10.PIC16F87-E/ML.pdf</a></li> </ul>
VOLTAGE - SUPPLY (VCC/VDD)	4 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	28-QFN (6x6)
SPEED	20MHz
SERIES	PIC® 16F
RAM SIZE	368 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	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)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	256 x 8
DETAILED DESCRIPTION	PIC PIC® 16F Microcontroller IC 8-Bit 20MHz 7KB (4K x 14) FLASH 28-QFN (6x6)
DATA CONVERTERS	-
CORE SIZE	8-Bit
CORE PROCESSOR	PIC
CONNECTIVITY	I <sup>2</sup> C, SPI, UART/USART
BASE PART NUMBER	PIC16F87

### Related Tags

Micrel / Microchip Technology PIC16F87-E/ML	PIC16F87-E/ML Distributor	PIC16F87-E/ML Supplier
PIC16F87-E/ML Price	PIC16F87-E/ML Pictures	PIC16F87-E/ML Image
PIC16F87-E/ML PDF Datasheet	PIC16F87-E/ML Download Datasheet	PIC16F87-E/ML Datasheet
PIC16F87-E/ML Stock	Buy PIC16F87-E/ML	Buy Micrel / Microchip Technology PIC16F87-E/ML
Micrel / Microchip Technology PIC16F87-E/ML	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology PIC16F87-E/ML	Microchip Technology PIC16F87-E/ML	Roving Networks / Microchip Technology PIC16F87-E/ML

### Related Products

<p><b>PIC16F84T-04I/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 1.75KB FLASH 18SOIC                  In stock: 3730 pcs</p> <p><b>RFQ</b></p>	<p><b>PIC16F84AT-20I/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 1.75KB FLASH 18SOIC                  In stock: 20298 pcs</p> <p><b>RFQ</b></p>
<p><b>PIC16F84T-10I/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 1.75KB FLASH 18SOIC                  In stock: 5976 pcs</p> <p><b>RFQ</b></p>	<p><b>PIC16F87-I/P</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 18DIP                  In stock: 40847 pcs</p> <p><b>RFQ</b></p>
<p><b>PIC16F87-I/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 28QFN                  In stock: 34183 pcs</p> <p><b>RFQ</b></p>	<p><b>PIC16F87-E/SS</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 20SSOP                  In stock: 27210 pcs</p> <p><b>RFQ</b></p>
<p><b>PIC16F84AT-20I/SS</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 1.75KB FLASH 20SSOP                  In stock: 7086 pcs</p> <p><b>RFQ</b></p>	<p><b>PIC16F87-I/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 18SOIC                  In stock: 37307 pcs</p> <p><b>RFQ</b></p>
<p><b>PIC16F84T-10/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 1.75KB FLASH 18SOIC                  In stock: 3731 pcs</p> <p><b>RFQ</b></p>	<p><b>PIC16F87-E/P</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 18DIP                  In stock: 27049 pcs</p> <p><b>RFQ</b></p>
<p><b>PIC16F87-E/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 18SOIC                  In stock: 29489 pcs</p> <p><b>RFQ</b></p>	<p><b>PIC16F84T-04/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 1.75KB FLASH 18SOIC                  In stock: 17169 pcs</p> <p><b>RFQ</b></p>

