




Micrel / Microchip Technology

## PIC16F1459-E/ML

Part Number:	PIC16F1459-E/ML
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 8BIT 14KB FLASH 20QFN <a href="#">PDF</a> 1.PIC16F1459-E/ML.pdf <a href="#">PDF</a> 2.PIC16F1459-E/ML.pdf <a href="#">PDF</a> 3.PIC16F1459-E/ML.pdf
Datasheets:	
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

### Specifications of PIC16F1459-E/ML

PART NUMBER	PIC16F1459-E/ML
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 14KB FLASH 20QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">PDF</a> 1.PIC16F1459-E/ML.pdf <a href="#">PDF</a> 2.PIC16F1459-E/ML.pdf <a href="#">PDF</a> 3.PIC16F1459-E/ML.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.3 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	20-QFN (4x4)
SPEED	48MHz
SERIES	PIC® XLP™ 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	20-VFQFN Exposed Pad
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	14
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	29 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	PIC PIC® XLP™ 16F Microcontroller IC 8-Bit 48MHz 14KB (8K x 14) FLASH 20-QFN (4x4)
DATA CONVERTERS	A/D 9x10b, D/A 1x5b
CORE SIZE	8-Bit
CORE PROCESSOR	PIC
CONNECTIVITY	I <sup>2</sup> C, LINbus, SPI, UART/USART, USB
BASE PART NUMBER	PIC16F1459

### Related Tags

Micrel / Microchip Technology PIC16F1459-E/ML	PIC16F1459-E/ML Distributor	PIC16F1459-E/ML Supplier
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### Related Products

 <p><b>PIC16F1459-I/P</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 14KB FLASH 20DIP                  In stock: 369 pcs  <a href="#">RFQ</a></p>	 <p><b>PIC16F1458T-I/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 20QFN                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>PIC16F1458-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>PIC16F1459-E/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 14KB FLASH 20SOIC                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>PIC16F1458T-I/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 20SOIC                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>PIC16F1458-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>PIC16F1459-I/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 14KB FLASH 20SOIC                  In stock: 296 pcs  <a href="#">RFQ</a></p>	 <p><b>PIC16F1459-E/SS</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 14KB FLASH 20SSOP                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>PIC16F1459-E/P</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 14KB FLASH 20DIP                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>PIC16F1458-I/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 20SOIC                  In stock: Out stock  <a href="#">RFQ</a></p>
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