

PIC16F1777-E/ML





Part Number: [PIC16F1777-E/ML](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 14KB FLASH 44QFN

Data sheet:  [PIC16\(L\)F1777,8,9 Errata](#)
 [PIC16\(L\)F1773,6,7,8,9 Brief](#)
 [PIC16\(L\)F1777,8,9 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

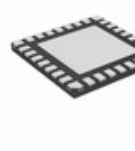
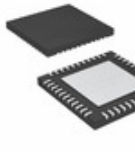
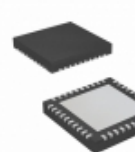
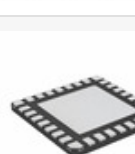
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Request For Quotation

PRODUCT PARAMETER			
Part Number	PIC16F1777-E/ML	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 14KB FLASH 44QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	32947 pcs	Data sheet	PIC16(L)F1777,8,9 Errata PIC16(L)F1773,6,7,8,9 Brief PIC16(L)F1777,8,9 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.3 V ~ 5.5 V
Supplier Device Package	44-QFN (8x8)	Speed	32MHz
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	44-VQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	36
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	128 x 8	Detailed Description	PIC PIC® XLP™ 16F Microcontroller IC 8-Bit 32MHz 14KB (8K x 14) FLASH 44-QFN (8x8)
Data Converters	A/D 28x10b, D/A 4x5b, 4x10b	Core Size	8-Bit
Core Processor	PIC	Connectivity	I²C, LINbus, SPI, UART/USART
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RELATED PRODUCTS			
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	Part#: PIC16F1776-I/MX Description: IC MCU 8BIT 14KB FLASH 28UQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F1777-I/ML Description: IC MCU 8BIT 14KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F1777-E/PT Description: IC MCU 8BIT 14KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC16F1776T-I/SO Description: IC MCU 8BIT 14KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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