

PIC16F877-10E/PQ



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Part Number: [PIC16F877-10E/PQ](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 14KB FLASH 44MQFP

Data sheet:

 [PIC16F87x Rev B5 Silicon Errata Sheet](#)

 [PIC16F87x Datasheet](#)

 [PIC16F87x Rev B Silicon Errata](#)

 [Tips N Tricks Guide](#)

 [Timer1 Errata](#)

 [PICmicro™ Reference Manual](#)

 [MSSP Module Silicon, Data Sheet Errata](#)

 [MPLAB® ICE2000 Spec](#)

 [PIC16F87x Rev B3 Silicon Errata](#)

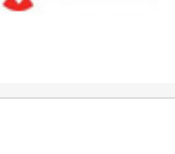
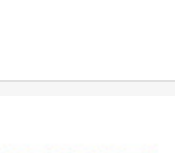
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	PIC16F877-10E/PQ	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 14KB FLASH 44MQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	12454 pcs	Data sheet	PIC16F87x Rev B5 Silicon Errata Sheet
			PIC16F87x Datasheet
			PIC16F87x Rev B Silicon Errata
			Tips N Tricks Guide
			Timer1 Errata
			PICmicro™ Reference Manual
			MSSP Module Silicon, Data Sheet Errata
			MPLAB® ICE2000 Spec
			PIC16F87x Rev B3 Silicon Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4 V ~ 5.5 V
Supplier Device Package	44-MQFP (10x10)	Speed	10MHz
Series	PIC® 16F	RAM Size	368 x 8
Program Memory Type	FLASH	Program Memory Size	14KB (8K x 14)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tray
Package / Case	44-QFP	Other Names	PIC16F87710E/PQ
Oscillator Type	External	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	33	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	10 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	256 x 8	Detailed Description	PIC PIC® 16F Microcontroller IC 8-Bit 10MHz 14KB (8K x 14) FLASH 44-MQFP (10x10)
Data Converters	A/D 8x10b	Core Size	8-Bit
Core Processor	PIC	Connectivity	I²C, SPI, UART/USART
Base Part Number	PIC16F877		
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	Part#: PIC16F877-20/PQ Description: IC MCU 8BIT 14KB FLASH 44MQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC16F877-10E/PT Description: IC MCU 8BIT 14KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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