

PIC16F877T-20I/PQ



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Part Number: [PIC16F877T-20I/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](#)

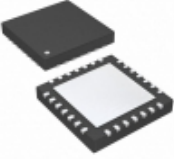
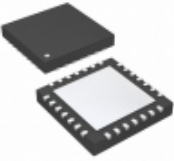
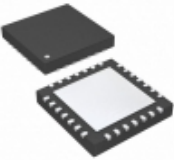
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	PIC16F877T-20I/PQ	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 14KB FLASH 44MQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	12474 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	20MHz
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	Tape & Reel (TR)
Package / Case	44-QFP	Oscillator Type	External
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	33
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	8 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	256 x 8
Detailed Description	PIC PIC® 16F Microcontroller IC 8-Bit 20MHz 14KB (8K x 14) FLASH 44-MQFP (10x10)	Data Converters	A/D 8x10b
Core Size	8-Bit	Core Processor	PIC
Connectivity	PC, SPI, UART/USART	Base Part Number	PIC16F877
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