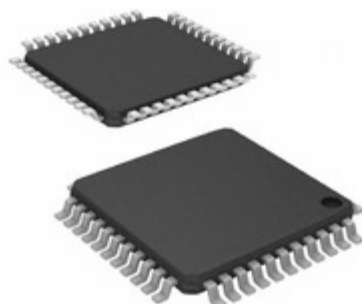


PIC16F877T-20/PT



Images are for reference only.
See Product Specifications for product details.
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Part Number: [PIC16F877T-20/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 14KB FLASH 44TQFP

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](#)

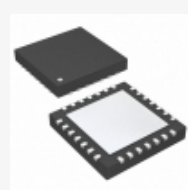
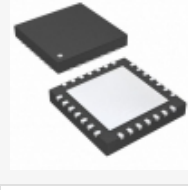
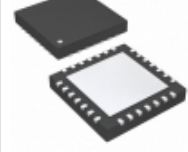
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	PIC16F877T-20/PT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 14KB FLASH 44TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	13315 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-TQFP (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-TQFP	Oscillator Type	External
Operating Temperature	0°C ~ 70°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-TQFP (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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	Part#: PIC16F877T-04I/PT Description: IC MCU 8BIT 14KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F877T-20/L Description: IC MCU 8BIT 14KB FLASH 44PLCC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F877T-10E/PQ Description: IC MCU 8BIT 14KB FLASH 44MQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F87T-E/ML Description: IC MCU 8BIT 7KB FLASH 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC16F877T-04E/PT Description: IC MCU 8BIT 14KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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