

PIC16F877AT-I/L



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Part Number: [PIC16F877AT-I/L](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 14KB FLASH 44PLCC

Data sheet:  [PIC16F87xA Datasheet](#)
 [Tips N Tricks Guide](#)
 [PIC16F87xA Programming Spec](#)
 [Timer1 Errata](#)
 [PIC16F87XA Rev. B0 Silicon Errata Sheet](#)
 [PIC16F87xA Revision B2 Errata](#)
 [PIC16F87xA Rev.B6 Errata](#)
 [PICmicro™ Reference Manual](#)
 [PIC16F87xA Rev B7 Silicon, Data Sheet Errata](#)
 [MSSP Module Silicon, Data Sheet Errata](#)
 [MPLAB® ICE2000 Spec](#)

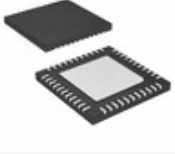
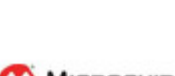
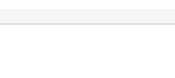
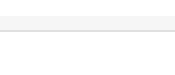
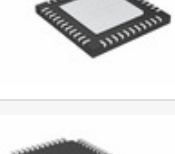
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	PIC16F877AT-I/L	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 14KB FLASH 44PLCC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	14453 pcs	Data sheet	PIC16F87xA Datasheet Tips N Tricks Guide PIC16F87xA Programming Spec Timer1 Errata PIC16F87XA Rev. B0 Silicon Errata Sheet PIC16F87xA Revision B2 Errata PIC16F87xA Rev.B6 Errata PICmicro™ Reference Manual PIC16F87xA Rev B7 Silicon, Data Sheet Errata MSSP Module Silicon, Data Sheet Errata MPLAB® ICE2000 Spec
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4 V ~ 5.5 V
Supplier Device Package	44-PLCC (16.59x16.59)	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	Cut Tape (CT)
Package / Case	44-LCC (J-Lead)	Other Names	PIC16F877AT-I/LCT
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	4 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-PLCC (16.59x16.59)
Data Converters	A/D 8x10b	Core Size	8-Bit
Core Processor	PIC	Connectivity	I²C, SPI, UART/USART
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RELATED PRODUCTS			
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	Part#: PIC16F877A-E/ML Description: IC MCU 8BIT 14KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F877A-I/L Description: IC MCU 8BIT 14KB FLASH 44PLCC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F877A DEVELOPMENT BOARD KIT Description: DEVELOPMENT BOARD FOR PIC16F877A	Manufacturers: Custom Computer Services	RFQ
	Part#: PIC16F877A-I/P Description: IC MCU 8BIT 14KB FLASH 40DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F877AT-I/ML Description: IC MCU 8BIT 14KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F877T-04/I/L Description: IC MCU 8BIT 14KB FLASH 44PLCC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F877T-04E/PT Description: IC MCU 8BIT 14KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F877A-E/L Description: IC MCU 8BIT 14KB FLASH 44PLCC	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC16F877T-04E/L Description: IC MCU 8BIT 14KB FLASH 44PLCC	Manufacturers: Micrel / Microchip Technology	RFQ
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