

PIC16F871T-E/PT



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Part Number: [PIC16F871T-E/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 3.5KB FLASH 44TQFP

Data sheet:  [PIC16F870, 871](#)
 [PIC16F870, 871 Rev A1 Silicon Errata](#)
 [Tips N Tricks Guide](#)
 [Timer1 Errata](#)
 [PICmicro™ Reference Manual](#)
 [MPLAB® ICE2000 Spec](#)

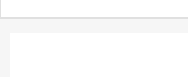
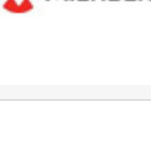
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	PIC16F871T-E/PT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 3.5KB FLASH 44TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	3964 pcs	Data sheet	PIC16F870, 871 PIC16F870, 871 Rev A1 Silicon Errata Tips N Tricks Guide Timer1 Errata PICmicro™ Reference Manual MPLAB® ICE2000 Spec
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	128 x 8
Program Memory Type	FLASH	Program Memory Size	3.5KB (2K x 14)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	44-TQFP	Oscillator Type	External
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	33
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	64 x 8	Detailed Description	PIC PIC® 16F Microcontroller IC 8-Bit 20MHz 3.5KB (2K x 14) FLASH 44-TQFP (10x10)
Data Converters	A/D 8x10b	Core Size	8-Bit
Core Processor	PIC	Connectivity	UART/USART
Base Part Number	PIC16F871		
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