

PIC16F870-E/SO



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Part Number: [PIC16F870-E/SO](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 3.5KB FLASH 28SOIC

Data sheet:  [PIC16F870, 871](#)
 [PIC16F870, 871 Rev A1 Silicon Errata](#)
 [Tips N Tricks Guide](#)
 [Timer1 Errata](#)
 [PICmicro™ Reference Manual](#)
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RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	PIC16F870-E/SO	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 3.5KB FLASH 28SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	35363 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	28-SOIC	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	Tube
Package / Case	28-SOIC (0.295", 7.50mm Width)	Oscillator Type	External
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	22
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	4 Weeks
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 28-SOIC	Data Converters	A/D 5x10b
Core Size	8-Bit	Core Processor	PIC
Connectivity	UART/USART	Base Part Number	PIC16F870
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