

PIC16F87-E/SO



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Part Number: [PIC16F87-E/SO](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 7KB FLASH 18SOIC

Data sheet:  [PIC16F87/88 Rev. B1 Silicon Data Sheet Errata](#)
 [PIC16F87,88 Programming Spec](#)
 [Tips N Tricks Guide](#)
 [SSP Module Errata](#)
 [Timer1 Errata](#)
 [PIC16F87, 88](#)
 [PIC16F87/88 Rev. C0 Silicon Errata](#)
 [PIC16F87, 88 Datasheet Errata](#)
 [PICmicro™ Reference Manual](#)
 [MPLAB® ICE2000 Spec](#)

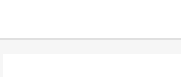
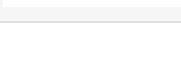
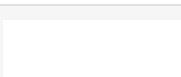
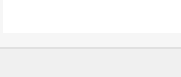
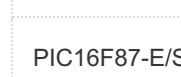
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	PIC16F87-E/SO	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 7KB FLASH 18SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	32115 pcs	Data sheet	PIC16F87/88 Rev. B1 Silicon Data Sheet Errata PIC16F87,88 Programming Spec Tips N Tricks Guide SSP Module Errata Timer1 Errata PIC16F87, 88 PIC16F87/88 Rev. C0 Silicon Errata PIC16F87, 88 Datasheet Errata PICmicro™ Reference Manual MPLAB® ICE2000 Spec
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4 V ~ 5.5 V
Supplier Device Package	18-SOIC	Speed	20MHz
Series	PIC® 16F	RAM Size	368 x 8
Program Memory Type	FLASH	Program Memory Size	7KB (4K x 14)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tube
Package / Case	18-SOIC (0.295", 7.50mm Width)	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	16
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	5 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 7KB (4K x 14) FLASH 18-SOIC	Data Converters	-
Core Size	8-Bit	Core Processor	PIC
Connectivity	I²C, SPI, UART/USART	Base Part Number	PIC16F87
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