

PIC16F1847-I/SO



Part Number: [PIC16F1847-I/SO](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 14KB FLASH 18SOIC

Data sheet:  [Next Generation Peripherals Brochure](#)
 [PIC16\(L\)F1847](#)
 [PIC16\(L\)F1847 Errata](#)

RoHs Status: Lead free / RoHS Compliant

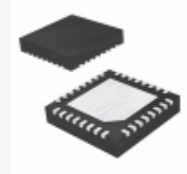
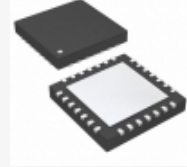
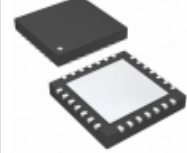
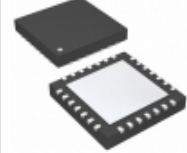
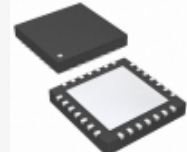
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PRODUCT PARAMETER			
Part Number	PIC16F1847-I/SO	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 14KB FLASH 18SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	74636 pcs	Data sheet	Next Generation Peripherals Brochure PIC16(L)F1847 PIC16(L)F1847 Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 5.5 V
Supplier Device Package	18-SOIC	Speed	32MHz
Series	PIC® XLP™ mTouch™ 16F	RAM Size	1K x 8
Program Memory Type	FLASH	Program Memory Size	14KB (8K x 14)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tube
Package / Case	18-SOIC (0.295", 7.50mm Width)	Other Names	PIC16F1847ISO
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	15	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® XLP™ mTouch™ 16F Microcontroller IC 8-Bit 32MHz 14KB (8K x 14) FLASH 18-SOIC
Data Converters	A/D 12x10b	Core Size	8-Bit
Core Processor	PIC	Connectivity	I²C, LINbus, SPI, UART/USART
Base Part Number	PIC16F1847		
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	Part#: PIC16F1847T-I/SS Description: IC MCU 8BIT 14KB FLASH 20SSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F18854-E/MV Description: IC MCU 8BIT 7KB FLASH 28UQFN	Manufacturers: Microchip Technology	RFQ
	Part#: PIC16F1847-E/SO Description: IC MCU 8BIT 14KB FLASH 18SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F1847-E/P Description: IC MCU 8BIT 14KB FLASH 18DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F1847-E/MV Description: IC MCU 8BIT 14KB FLASH 28UQFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC16F18854-E/SS Description: IC MCU 8BIT 7KB FLASH 28SSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F1847-E/ML Description: IC MCU 8BIT 14KB FLASH 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F18456T-I/SO Description: IC MCU 8BIT 28KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F1847-I/P Description: IC MCU 8BIT 14KB FLASH 18DIP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC16F1847-I/SS Description: IC MCU 8BIT 14KB FLASH 20SSOP	Manufacturers: Micrel / Microchip Technology	RFQ
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