

## PIC16F18857-I/SO



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**Part Number:** [PIC16F18857-I/SO](#)  
**Manufacturer:** [Micrel / Microchip Technology](#)  
**Description:** IC MCU 8BIT 56KB FLASH 28SOIC  
**Data sheet:** [PIC16\(L\)F1885x,7x Brief](#)  
[PIC16\(L\)F18857,77 Datasheet](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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### PRODUCT PARAMETER

<b>Part Number</b>	PIC16F18857-I/SO	<b>Manufacturer</b>	<a href="#">Micrel / Microchip Technology</a>
<b>Description</b>	IC MCU 8BIT 56KB FLASH 28SOIC	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	72169 pcs	<b>Data sheet</b>	<a href="#">PIC16(L)F1885x,7x Brief</a> <a href="#">PIC16(L)F18857,77 Datasheet</a>
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>	<b>Voltage - Supply (Vcc/Vdd)</b>	2.3 V ~ 5.5 V
<b>Supplier Device Package</b>	28-SOIC	<b>Speed</b>	32MHz
<b>Series</b>	PIC® XLP™ 16F	<b>RAM Size</b>	4K x 8
<b>Program Memory Type</b>	FLASH	<b>Program Memory Size</b>	56KB (32K x 14)
<b>Peripherals</b>	Brown-out Detect/Reset, POR, PWM, WDT	<b>Packaging</b>	Tube
<b>Package / Case</b>	28-SOIC (0.295", 7.50mm Width)	<b>Oscillator Type</b>	Internal
<b>Operating Temperature</b>	-40°C ~ 85°C (TA)	<b>Number of I/O</b>	25
<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)	<b>Manufacturer Standard Lead Time</b>	4 Weeks
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>EEPROM Size</b>	256 x 8
<b>Detailed Description</b>	PIC PIC® XLP™ 16F Microcontroller IC 8-Bit 32MHz 56KB (32K x 14) FLASH 28-SOIC	<b>Data Converters</b>	A/D 24x10b, D/A 1x5b
<b>Core Size</b>	8-Bit	<b>Core Processor</b>	PIC
<b>Connectivity</b>	PC, LINbus, SPI, UART/USART		

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	<b>Part#:</b> <a href="#">PIC16F18856T-I/SS</a> <b>Description:</b> IC MCU 8BIT 28KB FLASH 28SSOP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PIC16F18856T-I/ML</a> <b>Description:</b> IC MCU 8BIT 28KB FLASH 28QFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PIC16F18857T-I/SS</a> <b>Description:</b> IC MCU 8BIT 56KB FLASH 28SSOP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PIC16F18856T-I/SO</a> <b>Description:</b> IC MCU 8BIT 28KB FLASH 28SOIC	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PIC16F18875-I/ML</a> <b>Description:</b> IC MCU 8BIT 14KB FLASH 44QFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PIC16F18875-E/MV</a> <b>Description:</b> IC MCU 8BIT 14KB FLASH 40UQFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PIC16F18857T-I/SO</a> <b>Description:</b> IC MCU 8BIT 56KB FLASH 28SOIC	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PIC16F18875-E/PT</a> <b>Description:</b> IC MCU 8BIT 14KB FLASH 44TQFP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PIC16F18857-I/SP</a> <b>Description:</b> IC MCU 8BIT 56KB FLASH 28SDIP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PIC16F18857-E/SO</a> <b>Description:</b> IC MCU 8BIT 56KB FLASH 28SOIC	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PIC16F18857-I/SS</a> <b>Description:</b> IC MCU 8BIT 56KB FLASH 28SSOP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PIC16F18857-E/SP</a> <b>Description:</b> IC MCU 8BIT 56KB FLASH 28SDIP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PIC16F18856-I/SS</a> <b>Description:</b> IC MCU 8BIT 28KB FLASH 28SSOP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PIC16F18857-E/ML</a> <b>Description:</b> IC MCU 8BIT 56KB FLASH 28QFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PIC16F18857-E/SS</a> <b>Description:</b> IC MCU 8BIT 56KB FLASH 28SSOP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PIC16F18857-I/ML</a> <b>Description:</b> IC MCU 8BIT 56KB FLASH 28QFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PIC16F18875-E/ML</a> <b>Description:</b> IC MCU 8BIT 14KB FLASH 44QFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PIC16F18875-E/P</a> <b>Description:</b> IC MCU 8BIT 14KB FLASH 40DIP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PIC16F18857T-I/ML</a> <b>Description:</b> IC MCU 8BIT 56KB FLASH 28QFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>

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