



Micrel / Microchip Technology

## PIC16F18856-I/SO

Part Number:	PIC16F18856-I/SO
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 8BIT 28KB FLASH 28SOIC
Datasheets:	<a href="#">PDF 1.PIC16F18856-I/SO.pdf</a> <a href="#">PDF 2.PIC16F18856-I/SO.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	76452 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

### Specifications of PIC16F18856-I/SO

PART NUMBER	PIC16F18856-I/SO
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 28KB FLASH 28SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	76452 pcs
DATA SHEET	<a href="#">PDF 1.PIC16F18856-I/SO.pdf</a> <a href="#">PDF 2.PIC16F18856-I/SO.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	2.3 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	28-SOIC
SPEED	32MHz
SERIES	PIC® XLP™ 16F
RAM SIZE	2K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	28KB (16K x 14)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, WDT
PACKAGING	Tube
PACKAGE / CASE	28-SOIC (0.295", 7.50mm Width)
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	25
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	256 x 8
DETAILED DESCRIPTION	PIC PIC® XLP™ 16F Microcontroller IC 8-Bit 32MHz 28KB (16K x 14) FLASH 28-SOIC
DATA CONVERTERS	A/D 24x10b, D/A 1x5b
CORE SIZE	8-Bit
CORE PROCESSOR	PIC
CONNECTIVITY	I <sup>2</sup> C, LINbus, SPI, UART/USART

### Related Tags

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### Related Products

<p><b>PIC16F18856T-I/MV</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 28KB FLASH 28UQFN                  In stock: 83621 pcs  <a href="#">RFQ</a></p>	<p><b>PIC16F18856-E/MV</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 28KB FLASH 28UQFN                  In stock: 70172 pcs  <a href="#">RFQ</a></p>
<p><b>PIC16F18856-E/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 28KB FLASH 28SOIC                  In stock: 65335 pcs  <a href="#">RFQ</a></p>	<p><b>PIC16F18856-E/SS</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 28KB FLASH 28SSOP                  In stock: 67568 pcs  <a href="#">RFQ</a></p>
<p><b>PIC16F18856-I/SP</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 28KB FLASH 28SDIP                  In stock: 66688 pcs  <a href="#">RFQ</a></p>	<p><b>PIC16F18856T-I/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 28KB FLASH 28QFN                  In stock: 80282 pcs  <a href="#">RFQ</a></p>
<p><b>PIC16F18856-I/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 28KB FLASH 28QFN                  In stock: 76314 pcs  <a href="#">RFQ</a></p>	<p><b>PIC16F18856T-I/SS</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 28KB FLASH 28SSOP                  In stock: 88215 pcs  <a href="#">RFQ</a></p>
<p><b>PIC16F18856-E/SP</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 28KB FLASH 28SDIP                  In stock: 62472 pcs  <a href="#">RFQ</a></p>	<p><b>PIC16F18856-I/SS</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 28KB FLASH 28SSOP                  In stock: 61745 pcs  <a href="#">RFQ</a></p>
<p><b>PIC16F18856T-I/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 28KB FLASH 28SOIC                  In stock: 71127 pcs  <a href="#">RFQ</a></p>	<p><b>PIC16F18856-I/MV</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 28KB FLASH 28UQFN                  In stock: 72063 pcs  <a href="#">RFQ</a></p>