




Micrel / Microchip Technology

## PIC16LF18444-I/SO

Part Number:	PIC16LF18444-I/SO
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	COMPARATOR, DAC, 12-BIT ADCC
Datasheets:	<a href="#">1.PIC16LF18444-I/SO.pdf</a> <a href="#">2.PIC16LF18444-I/SO.pdf</a>
RoHS Status:	 Lead free / RoHS Compliant
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 PIC16LF18444-I/SO

PART NUMBER	PIC16LF18444-I/SO
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	COMPARATOR, DAC, 12-BIT ADCC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">1.PIC16LF18444-I/SO.pdf</a> <a href="#">2.PIC16LF18444-I/SO.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	20-SOIC
SPEED	32MHz
SERIES	PIC® XLP™ 16F
RAM SIZE	512 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	20-SOIC (0.295", 7.50mm Width)
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	17
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	7 Weeks
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 7KB (4K x 14) FLASH 20-SOIC
DATA CONVERTERS	A/D 17x12b, D/A 1x5b
CORE SIZE	8-Bit
CORE PROCESSOR	PIC
CONNECTIVITY	I <sup>2</sup> C, LINbus, SPI, UART/USART

### Related Tags

Micrel / Microchip Technology PIC16LF18444-I/SO	PIC16LF18444-I/SO Distributor	PIC16LF18444-I/SO Supplier
PIC16LF18444-I/SO Price	PIC16LF18444-I/SO Pictures	PIC16LF18444-I/SO Image
PIC16LF18444-I/SO PDF Datasheet	PIC16LF18444-I/SO Download Datasheet	PIC16LF18444-I/SO Datasheet
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Micrel / Microchip Technology PIC16LF18444-I/SO	Microchip Technology PIC16LF18444-I/SO	Roving Networks / Microchip Technology PIC16LF18444-I/SO

### Related Products

 <p><b>PIC16LF18444T-I/SS</b>                  Manufacturers: Micrel / Microchip Technology                  Description: COMPARATOR, DAC, 12-BIT ADCC                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>PIC16LF18444T-I/GZ</b>                  Manufacturers: Micrel / Microchip Technology                  Description: COMPARATOR, DAC, 12-BIT ADCC                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>PIC16LF18444T-I/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: COMPARATOR, DAC, 12-BIT ADCC                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>PIC16LF18444-I/P</b>                  Manufacturers: Micrel / Microchip Technology                  Description: COMPARATOR, DAC, 12-BIT ADCC                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>PIC16LF18444-E/SS</b>                  Manufacturers: Micrel / Microchip Technology                  Description: COMPARATOR, DAC, 12-BIT ADCC                  In stock: 670 pcs  <a href="#">RFQ</a></p>	 <p><b>PIC16LF18444-E/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: COMPARATOR, DAC, 12-BIT ADCC                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>PIC16LF18444-I/GZ</b>                  Manufacturers: Micrel / Microchip Technology                  Description: COMPARATOR, DAC, 12-BIT ADCC                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>PIC16LF18445-E/GZ</b>                  Manufacturers: Micrel / Microchip Technology                  Description: COMPARATOR, DAC, 12-BIT ADCC                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>PIC16LF18444-E/P</b>                  Manufacturers: Micrel / Microchip Technology                  Description: COMPARATOR, DAC, 12-BIT ADCC                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>PIC16LF18445-E/P</b>                  Manufacturers: Micrel / Microchip Technology                  Description: COMPARATOR, DAC, 12-BIT ADCC                  In stock: 968 pcs  <a href="#">RFQ</a></p>
 <p><b>PIC16LF18444-E/GZ</b>                  Manufacturers: Micrel / Microchip Technology                  Description: COMPARATOR, DAC, 12-BIT ADCC                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>PIC16LF18444-I/SS</b>                  Manufacturers: Micrel / Microchip Technology                  Description: COMPARATOR, DAC, 12-BIT ADCC                  In stock: 737 pcs  <a href="#">RFQ</a></p>