



## PIC16LF18444-I/SO

<b>Manufacturer Part Number:</b>	PIC16LF18444-I/SO
<b>Manufacturer/Brand:</b>	Micrel / Microchip Technology
<b>Part of Description:</b>	COMPARATOR, DAC, 12-BIT ADCC
<b>Datasheets:</b>	<a href="#">1.PIC16LF18444-I/SO.pdf</a> <a href="#">2.PIC16LF18444-I/SO.pdf</a>
<b>RoHs Status:</b>	Lead free / RoHS
<b>Stock Condition:</b>	Compliant New original, 646 pcs Stock Available.
<b>Ship From:</b>	Hong Kong
<b>Shipment Way:</b>	DHL/Fedex/TNT/UPS/EMS

Image may be representation.  
See specs for product details.

### Specifications

Part Number	PIC16LF18444-I/SO
Manufacturer	Micrel / Microchip Technology
Description	COMPARATOR, DAC, 12-BIT ADCC
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	646 pcs Stock
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
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

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PIC16LF18444-I/SO Price	PIC16LF18444-I/SO Manufacturer	PIC16LF18444-I/SO Picture	PIC16LF18444-I/SO Stock	PIC16LF18444-I/SO Inventory
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