



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16LF18445-I/SO

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16LF18445-I/SO                                                                                            |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | COMPARATOR, DAC, 12-BIT ADCC                                                                                 |
|                     | <a href="#">1.PIC16LF18445-I/SO.pdf</a>                                                                      |
|                     | <a href="#">2.PIC16LF18445-I/SO.pdf</a>                                                                      |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHS Status         |                                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

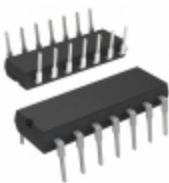
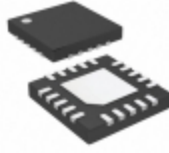
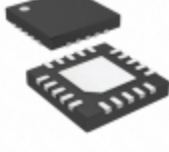
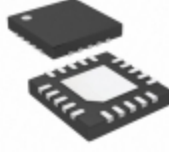
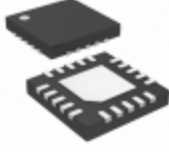
Specifications of PIC16LF18445-I/SO

|                                  |                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16LF18445-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.PIC16LF18445-I/SO.pdf</a><br><a href="#">2.PIC16LF18445-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                         | 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                   | 20-SOIC (0.295", 7.50mm Width)                                                     |
| OSCILLATOR TYPE                  | External                                                                           |
| 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 14KB (8K x 14) FLASH 20-SOIC      |
| DATA CONVERTERS                  | A/D 17x12b, D/A 1x5b                                                               |
| CORE SIZE                        | 8-Bit                                                                              |
| CORE PROCESSOR                   | PIC                                                                                |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART                                                       |

Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology PIC16LF18445-I/SO | PIC16LF18445-I/SO Distributor          | PIC16LF18445-I/SO Supplier                               |
| PIC16LF18445-I/SO Price                         | PIC16LF18445-I/SO Pictures             | PIC16LF18445-I/SO Image                                  |
| PIC16LF18445-I/SO PDF Datasheet                 | PIC16LF18445-I/SO Download Datasheet   | PIC16LF18445-I/SO Datasheet                              |
| PIC16LF18445-I/SO Stock                         | Buy PIC16LF18445-I/SO                  | Buy Micrel / Microchip Technology PIC16LF18445-I/SO      |
| Micrel / Microchip Technology PIC16LF18445-I/SO | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology PIC16LF18445-I/SO | Microchip Technology PIC16LF18445-I/SO | Roving Networks / Microchip Technology PIC16LF18445-I/SO |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>PIC16LF18446-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: RAM COMPARATOR<br/>In stock: 462 pcs<br/><b>RFQ</b></div>                   |  <div><b>PIC16LF18445-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: COMPARATOR, DAC, 12-BIT ADCC<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>PIC16LF18445T-I/GZ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: COMPARATOR, DAC, 12-BIT ADCC<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>PIC16LF18445-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: COMPARATOR, DAC, 12-BIT ADCC<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>PIC16LF18445T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: COMPARATOR, DAC, 12-BIT ADCC<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>PIC16LF18445-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: COMPARATOR, DAC, 12-BIT ADCC<br/>In stock: 968 pcs<br/><b>RFQ</b></div>    |
|  <div><b>PIC16LF18445-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: COMPARATOR, DAC, 12-BIT ADCC<br/>In stock: 670 pcs<br/><b>RFQ</b></div>    |  <div><b>PIC16LF18445-I/GZ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: COMPARATOR, DAC, 12-BIT ADCC<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>PIC16LF18446-E/GZ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: RAM COMPARATOR<br/>In stock: 169 pcs<br/><b>RFQ</b></div>                  |  <div><b>PIC16LF18445-E/GZ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: COMPARATOR, DAC, 12-BIT ADCC<br/>In stock: Out stock<br/><b>RFQ</b></div> |
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