





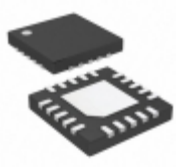
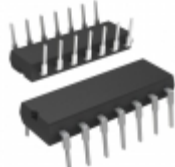




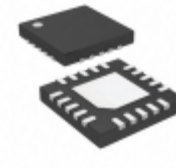

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|---|---|
|   | <p><b>PIC16LF18445T-I/GZ</b></p>  |
|   | <p><b>Manufacturer Part Number:</b> PIC16LF18445T-I/GZ</p> <p><b>Manufacturer/Brand:</b> Micrel / Microchip Technology</p> <p><b>Part of Description:</b> COMPARATOR, DAC, 12-BIT ADCC</p> <p><b>Datasheets:</b> <a href="#">1.PIC16LF18445T-I/GZ.pdf</a><br/><a href="#">2.PIC16LF18445T-I/GZ.pdf</a></p> <p><b>RoHs Status:</b>  Lead free / RoHS</p> <p><b>Stock Condition:</b>  Compliant<br/>New original, Stock Available.</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p> |
|  |   |
| <p>Image may be representation.<br/>See specs for product details.</p>            |   |

### Specifications

|                                  |   |
|----------------------------------|---|
| Part Number                      | PIC16LF18445T-I/GZ                                      |
| Manufacturer                     | Micrel / Microchip Technology                           |
| Description                      | COMPARATOR, DAC, 12-BIT ADCC                            |
| Category                         | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status                      | Require For Quote & Check Stock                         |
| Voltage - Supply (Vcc/Vdd)       | 1.8 V ~ 3.6 V   |
| Supplier Device Package          | 20-UQFN (4x4)   |
| 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                        | Original-Reel®  |
| Package / Case                   | 20-UQFN Exposed Pad                                     |
| Other Names                      | PIC16LF18445T-I/GZDKR                                   |
| Oscillator Type                  | External  |
| Operating Temperature            | -40°C ~ 85°C (TA)                                       |
| Number of I/O                    | 17  |
| Moisture Sensitivity Level (MSL) | 1 (Unlimited)   |
| Manufacturer Standard Lead Time  | 30 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        |
| Data Converters                  | A/D 17x12b, D/A 1x5b                                    |
| Core Size                        | 8-Bit   |
| Core Processor                   | PIC   |
| Connectivity                     | I²C, LINbus, SPI, UART/USART                            |

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