



PIC16LF1512-E/SO

Part Number:  
Manufacturer/Brand:  
Product description  
Datasheets:  
RoHs Status  
Ship From  
Shipment Way

PIC16LF1512-E/SO  
Micrel / Microchip Technology  
IC MCU 8BIT 3.5KB FLASH 28SOIC  
 PIC16LF1512-E/SO.pdf  
 Lead free / RoHS Compliant  
Hong Kong  
DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

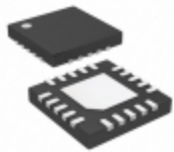
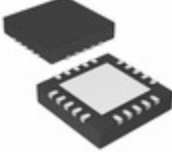
Specifications of PIC16LF1512-E/SO

|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16LF1512-E/SO                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                            |
| DESCRIPTION                      | IC MCU 8BIT 3.5KB FLASH 28SOIC                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| DATA SHEET                       |  <a href="#">PIC16LF1512-E/SO.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 28-SOIC                                                                                                                  |
| SPEED                            | 20MHz                                                                                                                    |
| SERIES                           | PIC® XLP™ 16F                                                                                                            |
| RAM SIZE                         | 128 x 8                                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                    |
| PROGRAM MEMORY SIZE              | 3.5KB (2K 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 ~ 125°C (TA)                                                                                                       |
| NUMBER OF I/O                    | 25                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| EEPROM SIZE                      | -                                                                                                                        |
| DETAILED DESCRIPTION             | PIC PIC® XLP™ 16F Microcontroller IC 8-Bit 20MHz 3.5KB (2K x 14) FLASH 28-SOIC                                           |
| DATA CONVERTERS                  | A/D 17x10b                                                                                                               |
| CORE SIZE                        | 8-Bit                                                                                                                    |
| CORE PROCESSOR                   | PIC                                                                                                                      |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART                                                                                             |
| BASE PART NUMBER                 | PIC16LF1512                                                                                                              |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology PIC16LF1512-E/SO | PIC16LF1512-E/SO Distributor           | PIC16LF1512-E/SO Supplier                               |
| PIC16LF1512-E/SO Price                         | PIC16LF1512-E/SO Pictures              | PIC16LF1512-E/SO Image                                  |
| PIC16LF1512-E/SO PDF Datasheet                 | PIC16LF1512-E/SO Download Datasheet    | PIC16LF1512-E/SO Datasheet                              |
| PIC16LF1512-E/SO Stock                         | Buy PIC16LF1512-E/SO                   | Buy Micrel / Microchip Technology PIC16LF1512-E/SO      |
| Micrel / Microchip Technology PIC16LF1512-E/SO | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology PIC16LF1512-E/SO | Microchip Technology PIC16LF1512-E/SO  | Roving Networks / Microchip Technology PIC16LF1512-E/SO |

Related Products

|                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>PIC16LF1509T-I/GZ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 20UQFN<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>PIC16LF1509T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 20SSOP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>PIC16LF1512-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 28UQFN<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>PIC16LF1512-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 28SDIP<br/>In stock: 6 pcs<br/>RFQ</div>     |
|  <div><b>PIC16LF1512-E/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 28SDIP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>PIC16LF1512-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 28SOIC<br/>In stock: 18 pcs<br/>RFQ</div>    |
|  <div><b>PIC16LF1512-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 28SSOP<br/>In stock: 11 pcs<br/>RFQ</div>    |  <div><b>PIC16LF1512-E/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 28UQFN<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>PIC16LF1509T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 20SOIC<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>PIC16LF1509T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 20QFN<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>PIC16LF1509-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 20SSOP<br/>In stock: 302 pcs<br/>RFQ</div>    |  <div><b>PIC16LF1512-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 28SSOP<br/>In stock: Out stock<br/>RFQ</div> |