



PIC16LF1618T-I/ML

Part Number:  
Manufacturer/Brand:  
Product description

PIC16LF1618T-I/ML  
Micrel / Microchip Technology  
IC MCU 8BIT 7KB FLASH 20QFN  
 1.PIC16LF1618T-I/ML.pdf  
 2.PIC16LF1618T-I/ML.pdf  
 3.PIC16LF1618T-I/ML.pdf  
 Lead free / RoHS Compliant  
Hong Kong  
DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

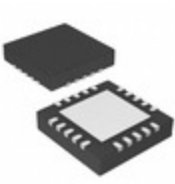
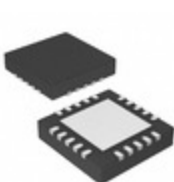
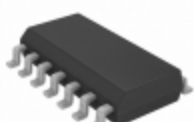
Specifications of PIC16LF1618T-I/ML

|                                  |                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16LF1618T-I/ML                                                                                                                                                                                                                                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                             |
| DESCRIPTION                      | IC MCU 8BIT 7KB FLASH 20QFN                                                                                                                                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                |
| DATA SHEET                       |  1.PIC16LF1618T-I/ML.pdf<br> 2.PIC16LF1618T-I/ML.pdf<br> 3.PIC16LF1618T-I/ML.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 20-QFN (4x4)                                                                                                                                                                                                                                                                                                                              |
| SPEED                            | 32MHz                                                                                                                                                                                                                                                                                                                                     |
| SERIES                           | PIC® XLP™ 16F                                                                                                                                                                                                                                                                                                                             |
| RAM SIZE                         | 1K x 8                                                                                                                                                                                                                                                                                                                                    |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                     |
| PROGRAM MEMORY SIZE              | 7KB (4K x 14)                                                                                                                                                                                                                                                                                                                             |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                                                                                                                                     |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                          |
| PACKAGE / CASE                   | 20-VFQFN Exposed Pad                                                                                                                                                                                                                                                                                                                      |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                         |
| NUMBER OF I/O                    | 18                                                                                                                                                                                                                                                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                             |
| MANUFACTURER STANDARD LEAD TIME  | 30 Weeks                                                                                                                                                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                         |
| DETAILED DESCRIPTION             | PIC PIC® XLP™ 16F Microcontroller IC 8-Bit 32MHz 7KB (4K x 14) FLASH 20-QFN (4x4)                                                                                                                                                                                                                                                         |
| DATA CONVERTERS                  | A/D 12x10b, D/A 1x8b                                                                                                                                                                                                                                                                                                                      |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                     |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                       |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                              |
| BASE PART NUMBER                 | PIC16LF1618                                                                                                                                                                                                                                                                                                                               |

Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology PIC16LF1618T-I/ML | PIC16LF1618T-I/ML Distributor          | PIC16LF1618T-I/ML Supplier                               |
| PIC16LF1618T-I/ML Price                         | PIC16LF1618T-I/ML Pictures             | PIC16LF1618T-I/ML Image                                  |
| PIC16LF1618T-I/ML PDF Datasheet                 | PIC16LF1618T-I/ML Download Datasheet   | PIC16LF1618T-I/ML Datasheet                              |
| PIC16LF1618T-I/ML Stock                         | Buy PIC16LF1618T-I/ML                  | Buy Micrel / Microchip Technology PIC16LF1618T-I/ML      |
| Micrel / Microchip Technology PIC16LF1618T-I/ML | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology PIC16LF1618T-I/ML | Microchip Technology PIC16LF1618T-I/ML | Roving Networks / Microchip Technology PIC16LF1618T-I/ML |

Related Products

|                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                         |
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|  <div><b>PIC16LF1618T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20SSOP<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>PIC16LF1619-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 20DIP<br/>In stock: 942 pcs<br/>RFQ</div>      |
|  <div><b>PIC16LF1618-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20DIP<br/>In stock: 19 pcs<br/>RFQ</div>         |  <div><b>PIC16LF1618-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20QFN<br/>In stock: 178 pcs<br/>RFQ</div>      |
|  <div><b>PIC16LF1619-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 20QFN<br/>In stock: 368 pcs<br/>RFQ</div>      |  <div><b>PIC16LF1618T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20SOIC<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>PIC16LF1619-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 20SOIC<br/>In stock: 567 pcs<br/>RFQ</div>     |  <div><b>PIC16LF1618-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20SSOP<br/>In stock: 17 pcs<br/>RFQ</div>      |
|  <div><b>PIC16LF1618-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20SOIC<br/>In stock: 52 pcs<br/>RFQ</div>       |  <div><b>PIC16LF1619-E/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>PIC16LF1615T-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 14TSSOP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>PIC16LF1615T-I/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 14SOIC<br/>In stock: Out stock<br/>RFQ</div> |