



Micrel / Microchip Technology

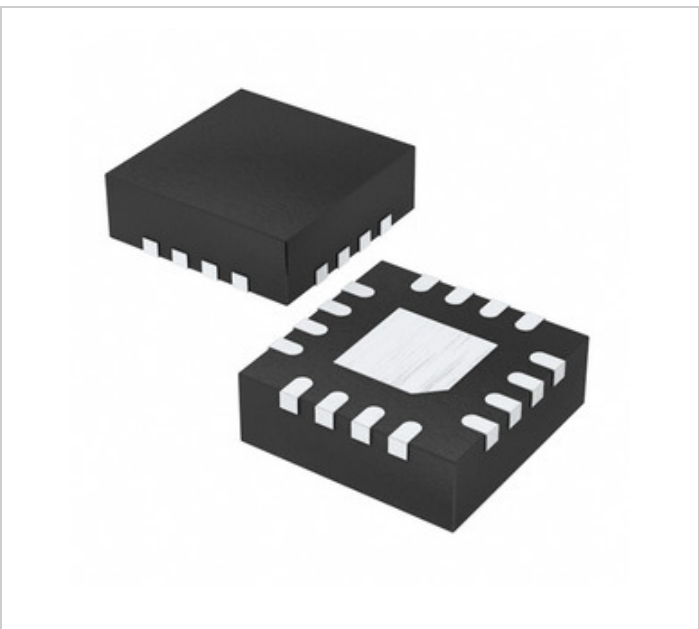


Image may be representation. See specifications for product details.

PIC16LF1824T-I/ML

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16LF1824T-I/ML                                                                                            |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 7KB FLASH 16QFN                                                                                  |
|                     |  1.PIC16LF1824T-I/ML.pdf    |
|                     |  2.PIC16LF1824T-I/ML.pdf    |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 79964 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

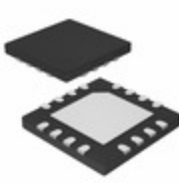
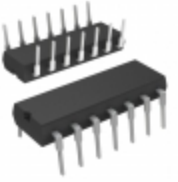
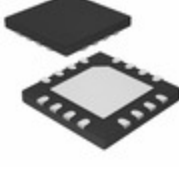
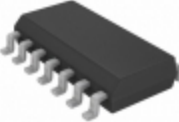
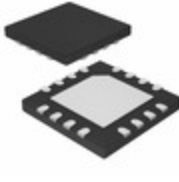
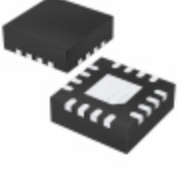
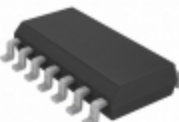
Specifications of PIC16LF1824T-I/ML

|                                  |                                                                                                                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16LF1824T-I/ML                                                                                                                                                                                                          |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                              |
| DESCRIPTION                      | IC MCU 8BIT 7KB FLASH 16QFN                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                 |
| QUANTITY AVAILABLE               | 79964 pcs                                                                                                                                                                                                                  |
| DATA SHEET                       |  1.PIC16LF1824T-I/ML.pdf<br> 2.PIC16LF1824T-I/ML.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                                                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 16-QFN (4x4)                                                                                                                                                                                                               |
| SPEED                            | 32MHz                                                                                                                                                                                                                      |
| SERIES                           | PIC® XLP™ mTouch™ 16F                                                                                                                                                                                                      |
| RAM SIZE                         | 256 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                   | 16-VQFN Exposed Pad                                                                                                                                                                                                        |
| OTHER NAMES                      | PIC16LF1824T-I/ML-ND<br>PIC16LF1824T-I/MLTR                                                                                                                                                                                |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                          |
| NUMBER OF I/O                    | 11                                                                                                                                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                 |
| EEPROM SIZE                      | 256 x 8                                                                                                                                                                                                                    |
| DETAILED DESCRIPTION             | PIC PIC® XLP™ mTouch™ 16F Microcontroller IC 8-Bit 32MHz 7KB (4K x 14) FLASH 16-QFN (4x4)                                                                                                                                  |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                                                                                                                                  |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                      |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                        |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                                                                                                                                                       |
| BASE PART NUMBER                 | PIC16LF1824                                                                                                                                                                                                                |

Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology PIC16LF1824T-I/ML | PIC16LF1824T-I/ML Distributor          | PIC16LF1824T-I/ML Supplier                               |
| PIC16LF1824T-I/ML Price                         | PIC16LF1824T-I/ML Pictures             | PIC16LF1824T-I/ML Image                                  |
| PIC16LF1824T-I/ML PDF Datasheet                 | PIC16LF1824T-I/ML Download Datasheet   | PIC16LF1824T-I/ML Datasheet                              |
| PIC16LF1824T-I/ML Stock                         | Buy PIC16LF1824T-I/ML                  | Buy Micrel / Microchip Technology PIC16LF1824T-I/ML      |
| Micrel / Microchip Technology PIC16LF1824T-I/ML | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology PIC16LF1824T-I/ML | Microchip Technology PIC16LF1824T-I/ML | Roving Networks / Microchip Technology PIC16LF1824T-I/ML |

Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                   |
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|  <div><b>PIC16LF1824-I/JQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 16UQFN<br/>In stock: 93242 pcs<br/><b>RFQ</b></div>       |  <div><b>PIC16LF1824-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 14TSSOP<br/>In stock: 81759 pcs<br/><b>RFQ</b></div>     |
|  <div><b>PIC16LF1824T39AT-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20TSSOP<br/>In stock: 64124 pcs<br/><b>RFQ</b></div> |  <div><b>PIC16LF1824T39A-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20TSSOP<br/>In stock: 43415 pcs<br/><b>RFQ</b></div> |
|  <div><b>PIC16LF1824T-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 14TSSOP<br/>In stock: 75660 pcs<br/><b>RFQ</b></div>     |  <div><b>PIC16LF1824-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 14DIP<br/>In stock: 66135 pcs<br/><b>RFQ</b></div>        |
|  <div><b>PIC16LF1824T-I/JQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 16UQFN<br/>In stock: 85338 pcs<br/><b>RFQ</b></div>      |  <div><b>PIC16LF1824-I/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 14SOIC<br/>In stock: 75754 pcs<br/><b>RFQ</b></div>      |
|  <div><b>PIC16LF1825-E/JQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 16UQFN<br/>In stock: 76879 pcs<br/><b>RFQ</b></div>      |  <div><b>PIC16LF1825-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 16QFN<br/>In stock: 64770 pcs<br/><b>RFQ</b></div>      |
|  <div><b>PIC16LF1824-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 16QFN<br/>In stock: 65062 pcs<br/><b>RFQ</b></div>        |  <div><b>PIC16LF1824T-I/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 14SOIC<br/>In stock: 84303 pcs<br/><b>RFQ</b></div>     |