



Micrel / Microchip Technology

PIC16LF1824-I/P

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16LF1824-I/P                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 7KB FLASH 14DIP                                                                                  |
| Datasheets:         | <a href="#">1.PIC16LF1824-I/P.pdf</a><br><a href="#">2.PIC16LF1824-I/P.pdf</a>                               |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

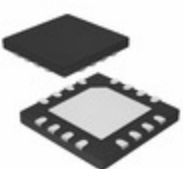
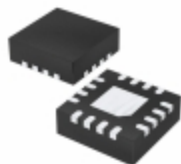
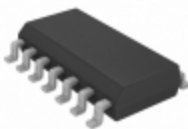
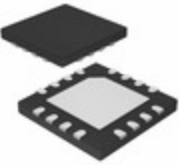
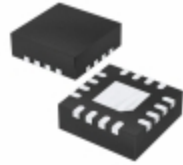
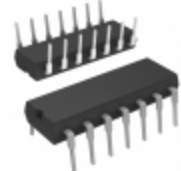
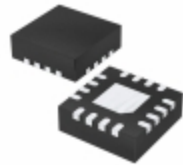
Specifications of PIC16LF1824-I/P

|                                  |                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16LF1824-I/P                                                                      |
| MANUFACTURER                     | Micrel / Microchip Technology                                                        |
| DESCRIPTION                      | IC MCU 8BIT 7KB FLASH 14DIP                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                           |
| DATA SHEET                       | <a href="#">1.PIC16LF1824-I/P.pdf</a><br><a href="#">2.PIC16LF1824-I/P.pdf</a>       |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                        |
| SUPPLIER DEVICE PACKAGE          | 14-PDIP                                                                              |
| 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                        | Tube                                                                                 |
| PACKAGE / CASE                   | 14-DIP (0.300", 7.62mm)                                                              |
| OTHER NAMES                      | PIC16LF1824IP                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                    |
| NUMBER OF I/O                    | 11                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | Not Applicable                                                                       |
| MANUFACTURER STANDARD LEAD TIME  | 12 Weeks                                                                             |
| 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 14-PDIP |
| 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 PIC16LF1824-I/P | PIC16LF1824-I/P Distributor            | PIC16LF1824-I/P Supplier                               |
| PIC16LF1824-I/P Price                         | PIC16LF1824-I/P Pictures               | PIC16LF1824-I/P Image                                  |
| PIC16LF1824-I/P PDF Datasheet                 | PIC16LF1824-I/P Download Datasheet     | PIC16LF1824-I/P Datasheet                              |
| PIC16LF1824-I/P Stock                         | Buy PIC16LF1824-I/P                    | Buy Micrel / Microchip Technology PIC16LF1824-I/P      |
| Micrel / Microchip Technology PIC16LF1824-I/P | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology PIC16LF1824-I/P | Microchip Technology PIC16LF1824-I/P   | Roving Networks / Microchip Technology PIC16LF1824-I/P |

Related Products

|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>PIC16LF1824T-I/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 14SOIC<br/>In stock: Out stock</p> <p>RFQ</p>  |  <p><b>PIC16LF1824T-I/JQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 16UQFN<br/>In stock: Out stock</p> <p>RFQ</p> |
|  <p><b>PIC16LF1824-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 16QFN<br/>In stock: Out stock</p> <p>RFQ</p>    |  <p><b>PIC16LF1824-E/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 14SOIC<br/>In stock: Out stock</p> <p>RFQ</p>  |
|  <p><b>PIC16LF1824-I/JQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 16UQFN<br/>In stock: Out stock</p> <p>RFQ</p>   |  <p><b>PIC16LF1824-I/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 14SOIC<br/>In stock: 66 pcs</p> <p>RFQ</p>     |
|  <p><b>PIC16LF1824-E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 14TSSOP<br/>In stock: Out stock</p> <p>RFQ</p>  |  <p><b>PIC16LF1824-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 16QFN<br/>In stock: Out stock</p> <p>RFQ</p>   |
|  <p><b>PIC16LF1824-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 14DIP<br/>In stock: Out stock</p> <p>RFQ</p>     |  <p><b>PIC16LF1824-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 14TSSOP<br/>In stock: Out stock</p> <p>RFQ</p> |
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