

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16LF1614-I/P

|                     |                                                                                                                                                                                                                                                                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16LF1614-I/P                                                                                                                                                                                                                                                                                                                                                |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                  |
| Product description | IC MCU 8BIT 7KB FLASH 14DIP                                                                                                                                                                                                                                                                                                                                    |
| Datasheets:         | <div><div>1.PIC16LF1614-I/P.pdf</div><div>2.PIC16LF1614-I/P.pdf</div><div>3.PIC16LF1614-I/P.pdf</div></div> |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                   |
| Stock Condition     | 91584 pcs stock                                                                                                                                                                                                                                                                                                                                                |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                          |

REQUEST FOR QUOTATION

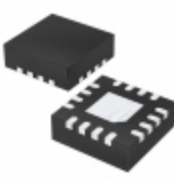
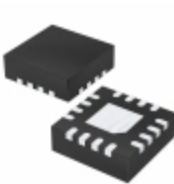
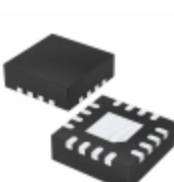
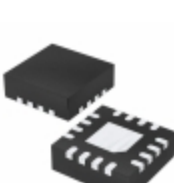
Specifications of PIC16LF1614-I/P

|                                  |                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16LF1614-I/P                                                                                                                                                                                                                                                                                                                                                      |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                        |
| DESCRIPTION                      | IC MCU 8BIT 7KB FLASH 14DIP                                                                                                                                                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                           |
| QUANTITY AVAILABLE               | 91584 pcs                                                                                                                                                                                                                                                                                                                                                            |
| DATA SHEET                       | <div><div>1.PIC16LF1614-I/P.pdf</div><div>2.PIC16LF1614-I/P.pdf</div><div>3.PIC16LF1614-I/P.pdf</div></div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 14-PDIP                                                                                                                                                                                                                                                                                                                                                              |
| SPEED                            | 32MHz                                                                                                                                                                                                                                                                                                                                                                |
| SERIES                           | PIC® XLP™ 16F                                                                                                                                                                                                                                                                                                                                                        |
| RAM SIZE                         | 512 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)                                                                                                                                                                                                                                                                                                                                              |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                    |
| NUMBER OF I/O                    | 12                                                                                                                                                                                                                                                                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | Not Applicable                                                                                                                                                                                                                                                                                                                                                       |
| 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 14-PDIP                                                                                                                                                                                                                                                                                         |
| DATA CONVERTERS                  | A/D 8x10b, D/A 1x8b                                                                                                                                                                                                                                                                                                                                                  |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                  |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                         |
| BASE PART NUMBER                 | PIC16LF1614                                                                                                                                                                                                                                                                                                                                                          |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology PIC16LF1614-I/P | PIC16LF1614-I/P Distributor            | PIC16LF1614-I/P Supplier                               |
| PIC16LF1614-I/P Price                         | PIC16LF1614-I/P Pictures               | PIC16LF1614-I/P Image                                  |
| PIC16LF1614-I/P PDF Datasheet                 | PIC16LF1614-I/P Download Datasheet     | PIC16LF1614-I/P Datasheet                              |
| PIC16LF1614-I/P Stock                         | Buy PIC16LF1614-I/P                    | Buy Micrel / Microchip Technology PIC16LF1614-I/P      |
| Micrel / Microchip Technology PIC16LF1614-I/P | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology PIC16LF1614-I/P | Microchip Technology PIC16LF1614-I/P   | Roving Networks / Microchip Technology PIC16LF1614-I/P |

Related Products

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| <div></div> <div><b>PIC16LF1614-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 16QFN<br/>In stock: 94755 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>PIC16LF1614-I/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 14SOIC<br/>In stock: 95190 pcs<br/><div>RFQ</div></div>      |
| <div></div> <div><b>PIC16LF1613T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 16QFN<br/>In stock: 132417 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>PIC16LF1614T-I/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 14SOIC<br/>In stock: 118640 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>PIC16LF1614T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 16QFN<br/>In stock: 115179 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>PIC16LF1614-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 14TSSOP<br/>In stock: 791751 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>PIC16LF1615-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 16QFN<br/>In stock: 68907 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>PIC16LF1614T-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 14TSSOP<br/>In stock: 119251 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>PIC16LF1613-I/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 14SOIC<br/>In stock: 97085 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>PIC16LF1613T-I/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 14SOIC<br/>In stock: 134494 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>PIC16LF1613-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 14TSSOP<br/>In stock: 97348 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>PIC16LF1613T-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 14TSSOP<br/>In stock: 123420 pcs<br/><div>RFQ</div></div> |