



Micrel / Microchip Technology

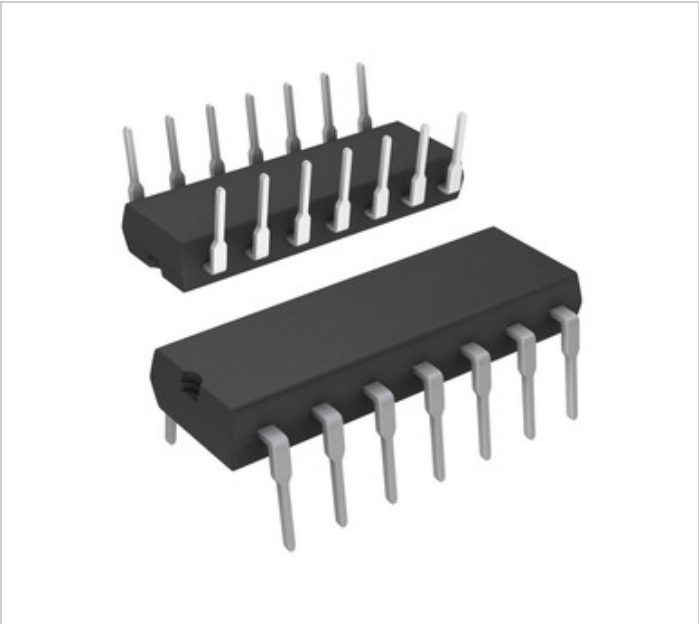


Image may be representation. See specifications for product details.

PIC16LF1825-I/P

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16LF1825-I/P                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 14KB FLASH 14DIP                                                                                 |
|                     | <a href="#">PDF</a> 1.PIC16LF1825-I/P.pdf                                                                    |
|                     | <a href="#">PDF</a> 2.PIC16LF1825-I/P.pdf                                                                    |
|                     | <a href="#">PDF</a> 3.PIC16LF1825-I/P.pdf                                                                    |
|                     | <a href="#">PDF</a> 4.PIC16LF1825-I/P.pdf                                                                    |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

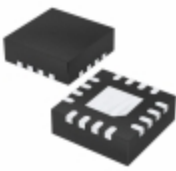
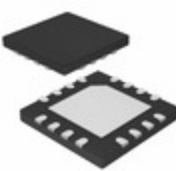
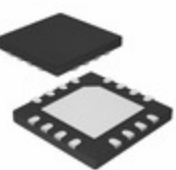
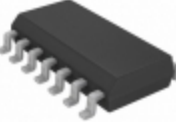
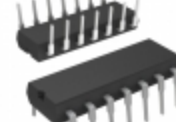
Specifications of PIC16LF1825-I/P

|                                  |                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16LF1825-I/P                                                                                                                                                                  |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                    |
| DESCRIPTION                      | IC MCU 8BIT 14KB FLASH 14DIP                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                       |
| DATA SHEET                       | <a href="#">PDF</a> 1.PIC16LF1825-I/P.pdf<br><a href="#">PDF</a> 2.PIC16LF1825-I/P.pdf<br><a href="#">PDF</a> 3.PIC16LF1825-I/P.pdf<br><a href="#">PDF</a> 4.PIC16LF1825-I/P.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 14-PDIP                                                                                                                                                                          |
| SPEED                            | 32MHz                                                                                                                                                                            |
| SERIES                           | PIC® XLP™ mTouch™ 16F                                                                                                                                                            |
| RAM SIZE                         | 1K x 8                                                                                                                                                                           |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                            |
| PROGRAM MEMORY SIZE              | 14KB (8K x 14)                                                                                                                                                                   |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                            |
| PACKAGING                        | Tube                                                                                                                                                                             |
| PACKAGE / CASE                   | 14-DIP (0.300", 7.62mm)                                                                                                                                                          |
| OTHER NAMES                      | PIC16LF1825IP                                                                                                                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                |
| NUMBER OF I/O                    | 11                                                                                                                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                    |
| MANUFACTURER STANDARD LEAD TIME  | 8 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 14KB (8K x 14) FLASH 14-PDIP                                                                                            |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                                                                                        |
| CORE SIZE                        | 8-Bit                                                                                                                                                                            |
| CORE PROCESSOR                   | PIC                                                                                                                                                                              |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART                                                                                                                                                     |
| BASE PART NUMBER                 | PIC16LF1825                                                                                                                                                                      |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology PIC16LF1825-I/P | PIC16LF1825-I/P Distributor            | PIC16LF1825-I/P Supplier                               |
| PIC16LF1825-I/P Price                         | PIC16LF1825-I/P Pictures               | PIC16LF1825-I/P Image                                  |
| PIC16LF1825-I/P PDF Datasheet                 | PIC16LF1825-I/P Download Datasheet     | PIC16LF1825-I/P Datasheet                              |
| PIC16LF1825-I/P Stock                         | Buy PIC16LF1825-I/P                    | Buy Micrel / Microchip Technology PIC16LF1825-I/P      |
| Micrel / Microchip Technology PIC16LF1825-I/P | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology PIC16LF1825-I/P | Microchip Technology PIC16LF1825-I/P   | Roving Networks / Microchip Technology PIC16LF1825-I/P |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>PIC16LF1825-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 16QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>   |  <div><b>PIC16LF1825-I/JQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 16UQFN<br/>In stock: Out stock<br/><b>RFQ</b></div>   |
|  <div><b>PIC16LF1825-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 14TSSOP<br/>In stock: 806 pcs<br/><b>RFQ</b></div>   |  <div><b>PIC16LF1825T-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 14TSSOP<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>PIC16LF1825T-I/JQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 16UQFN<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>PIC16LF1825T-I/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 14SOIC<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
|  <div><b>PIC16LF1825-E/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 14SOIC<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>PIC16LF1825-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 14DIP<br/>In stock: Out stock<br/><b>RFQ</b></div>     |
|  <div><b>PIC16LF1825-I/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 14SOIC<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>PIC16LF1825-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 16QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>    |
|  <div><b>PIC16LF1825-E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 14TSSOP<br/>In stock: 409 pcs<br/><b>RFQ</b></div>   |  <div><b>PIC16LF1825T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 16QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>   |