

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16LF1575-I/SL

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16LF1575-I/SL                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 14KB FLASH 14SOIC                                                                                |
|                     |  1.PIC16LF1575-I/SL.pdf     |
|                     |  2.PIC16LF1575-I/SL.pdf     |
|                     |  3.PIC16LF1575-I/SL.pdf     |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 102339 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

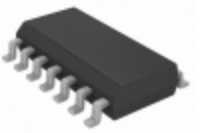
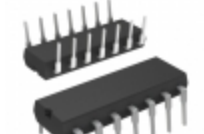
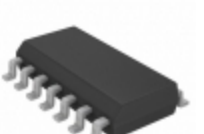
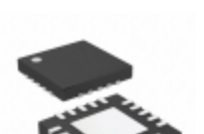
Specifications of PIC16LF1575-I/SL

|                                  |                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16LF1575-I/SL                                                                                                                                                                                                                                                                                                                       |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                          |
| DESCRIPTION                      | IC MCU 8BIT 14KB FLASH 14SOIC                                                                                                                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                             |
| QUANTITY AVAILABLE               | 102339 pcs                                                                                                                                                                                                                                                                                                                             |
| DATA SHEET                       |  1.PIC16LF1575-I/SL.pdf<br> 2.PIC16LF1575-I/SL.pdf<br> 3.PIC16LF1575-I/SL.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 14-SOIC                                                                                                                                                                                                                                                                                                                                |
| SPEED                            | 32MHz                                                                                                                                                                                                                                                                                                                                  |
| SERIES                           | PIC® 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-SOIC (0.154", 3.90mm Width)                                                                                                                                                                                                                                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                      |
| NUMBER OF I/O                    | 12                                                                                                                                                                                                                                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                             |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                      |
| DETAILED DESCRIPTION             | PIC PIC® 16F Microcontroller IC 8-Bit 32MHz 14KB (8K x 14) FLASH 14-SOIC                                                                                                                                                                                                                                                               |
| DATA CONVERTERS                  | A/D 8x10b, D/A 1x5b                                                                                                                                                                                                                                                                                                                    |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                  |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                    |
| CONNECTIVITY                     | LINbus, UART/USART                                                                                                                                                                                                                                                                                                                     |
| BASE PART NUMBER                 | PIC16LF1575                                                                                                                                                                                                                                                                                                                            |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology PIC16LF1575-I/SL | PIC16LF1575-I/SL Distributor           | PIC16LF1575-I/SL Supplier                               |
| PIC16LF1575-I/SL Price                         | PIC16LF1575-I/SL Pictures              | PIC16LF1575-I/SL Image                                  |
| PIC16LF1575-I/SL PDF Datasheet                 | PIC16LF1575-I/SL Download Datasheet    | PIC16LF1575-I/SL Datasheet                              |
| PIC16LF1575-I/SL Stock                         | Buy PIC16LF1575-I/SL                   | Buy Micrel / Microchip Technology PIC16LF1575-I/SL      |
| Micrel / Microchip Technology PIC16LF1575-I/SL | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology PIC16LF1575-I/SL | Microchip Technology PIC16LF1575-I/SL  | Roving Networks / Microchip Technology PIC16LF1575-I/SL |

Related Products

|                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>PIC16LF1578-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20DIP<br/>In stock: 72999 pcs</p> <p>RFQ</p>      |  <p><b>PIC16LF1575-E/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 14SOIC<br/>In stock: 99590 pcs</p> <p>RFQ</p>   |
|  <p><b>PIC16LF1575-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 14DIP<br/>In stock: 107500 pcs</p> <p>RFQ</p>    |  <p><b>PIC16LF1575-I/JQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 16UQFN<br/>In stock: 96058 pcs</p> <p>RFQ</p>   |
|  <p><b>PIC16LF1575-E/JQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 16UQFN<br/>In stock: 100567 pcs</p> <p>RFQ</p>  |  <p><b>PIC16LF1575T-I/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 14SOIC<br/>In stock: 124155 pcs</p> <p>RFQ</p> |
|  <p><b>PIC16LF1575-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 14TSSOP<br/>In stock: 97387 pcs</p> <p>RFQ</p>  |  <p><b>PIC16LF1575-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 14DIP<br/>In stock: 102890 pcs</p> <p>RFQ</p>    |
|  <p><b>PIC16LF1575T-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 14TSSOP<br/>In stock: 99905 pcs</p> <p>RFQ</p> |  <p><b>PIC16LF1578-E/GZ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20UQFN<br/>In stock: 95643 pcs</p> <p>RFQ</p>    |
|  <p><b>PIC16LF1575T-I/JQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 16UQFN<br/>In stock: 102314 pcs</p> <p>RFQ</p> |  <p><b>PIC16LF1575-E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 14TSSOP<br/>In stock: 98564 pcs</p> <p>RFQ</p>  |