

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16LF1782-E/SP

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16LF1782-E/SP                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 3.5KB FLASH 28SDIP                                                                               |
|                     |  1.PIC16LF1782-E/SP.pdf     |
|                     |  2.PIC16LF1782-E/SP.pdf     |
|                     |  3.PIC16LF1782-E/SP.pdf     |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

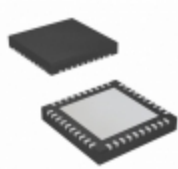
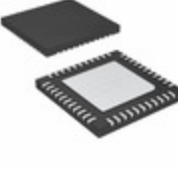
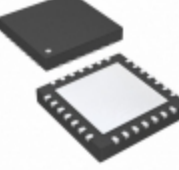
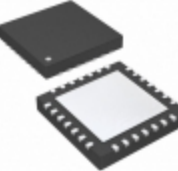
Specifications of PIC16LF1782-E/SP

|                                  |                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16LF1782-E/SP                                                                                                                                                                                                                                                                                                                       |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                          |
| DESCRIPTION                      | IC MCU 8BIT 3.5KB FLASH 28SDIP                                                                                                                                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                             |
| DATA SHEET                       |  1.PIC16LF1782-E/SP.pdf<br> 2.PIC16LF1782-E/SP.pdf<br> 3.PIC16LF1782-E/SP.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 28-SPDIP                                                                                                                                                                                                                                                                                                                               |
| SPEED                            | 32MHz                                                                                                                                                                                                                                                                                                                                  |
| SERIES                           | PIC® XLP™ 16F                                                                                                                                                                                                                                                                                                                          |
| RAM SIZE                         | 256 x 8                                                                                                                                                                                                                                                                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                  |
| PROGRAM MEMORY SIZE              | 3.5KB (2K x 14)                                                                                                                                                                                                                                                                                                                        |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PSMC, PWM, WDT                                                                                                                                                                                                                                                                                            |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                   |
| PACKAGE / CASE                   | 28-DIP (0.300", 7.62mm)                                                                                                                                                                                                                                                                                                                |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                                                                                                     |
| NUMBER OF I/O                    | 24                                                                                                                                                                                                                                                                                                                                     |
| 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™ 16F Microcontroller IC 8-Bit 32MHz 3.5KB (2K x 14) FLASH 28-SPDIP                                                                                                                                                                                                                                                        |
| DATA CONVERTERS                  | A/D 11x12b, D/A 1x8b                                                                                                                                                                                                                                                                                                                   |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                  |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                    |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                           |
| BASE PART NUMBER                 | PIC16LF1782                                                                                                                                                                                                                                                                                                                            |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology PIC16LF1782-E/SP | PIC16LF1782-E/SP Distributor           | PIC16LF1782-E/SP Supplier                               |
| PIC16LF1782-E/SP Price                         | PIC16LF1782-E/SP Pictures              | PIC16LF1782-E/SP Image                                  |
| PIC16LF1782-E/SP PDF Datasheet                 | PIC16LF1782-E/SP Download Datasheet    | PIC16LF1782-E/SP Datasheet                              |
| PIC16LF1782-E/SP Stock                         | Buy PIC16LF1782-E/SP                   | Buy Micrel / Microchip Technology PIC16LF1782-E/SP      |
| Micrel / Microchip Technology PIC16LF1782-E/SP | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology PIC16LF1782-E/SP | Microchip Technology PIC16LF1782-E/SP  | Roving Networks / Microchip Technology PIC16LF1782-E/SP |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                |
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|  <div><b>PIC16LF1779T-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 40UQFN<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>PIC16LF1779T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 44TQFP<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>PIC16LF1779T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 44QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>PIC16LF1782-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 28SOIC<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>PIC16LF1782-E/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 28UQFN<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>PIC16LF1782-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 28QFN<br/>In stock: 40 pcs<br/><b>RFQ</b></div>     |
|  <div><b>PIC16LF1782-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 28SDIP<br/>In stock: 15 pcs<br/><b>RFQ</b></div>    |  <div><b>PIC16LF1782-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 28SOIC<br/>In stock: 44 pcs<br/><b>RFQ</b></div>    |
|  <div><b>PIC16LF1782-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 28QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>PIC16LF1782-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 28SSOP<br/>In stock: 44 pcs<br/><b>RFQ</b></div>    |
|  <div><b>PIC16LF1782-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 28SSOP<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>PIC16LF1782-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 28UQFN<br/>In stock: 72 pcs<br/><b>RFQ</b></div>    |