

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16F1783-I/SS

|                     |                                                                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16F1783-I/SS                                                                                                                                                  |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                    |
| Product description | IC MCU 8BIT 7KB FLASH 28SSOP                                                                                                                                     |
| Datasheets:         | <a href="#">1.PIC16F1783-I/SS.pdf</a><br><a href="#">2.PIC16F1783-I/SS.pdf</a><br><a href="#">3.PIC16F1783-I/SS.pdf</a><br><a href="#">4.PIC16F1783-I/SS.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant                                                     |
| Ship From           | Hong Kong                                                                                                                                                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                            |

REQUEST FOR QUOTATION

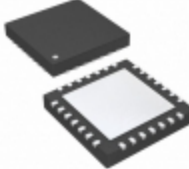
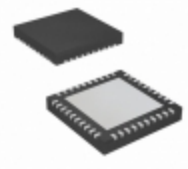
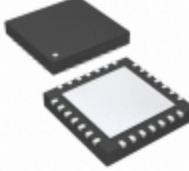
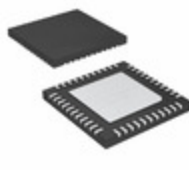
Specifications of PIC16F1783-I/SS

|                                  |                                                                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16F1783-I/SS                                                                                                                                                  |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                    |
| DESCRIPTION                      | IC MCU 8BIT 7KB FLASH 28SSOP                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                       |
| DATA SHEET                       | <a href="#">1.PIC16F1783-I/SS.pdf</a><br><a href="#">2.PIC16F1783-I/SS.pdf</a><br><a href="#">3.PIC16F1783-I/SS.pdf</a><br><a href="#">4.PIC16F1783-I/SS.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 5.5 V                                                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 28-SSOP                                                                                                                                                          |
| 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, PSMC, PWM, WDT                                                                                                                      |
| PACKAGING                        | Tube                                                                                                                                                             |
| PACKAGE / CASE                   | 28-SSOP (0.209", 5.30mm Width)                                                                                                                                   |
| OTHER NAMES                      | PIC16F1783ISS                                                                                                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                |
| NUMBER OF I/O                    | 24                                                                                                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                    |
| MANUFACTURER STANDARD LEAD TIME  | 9 Weeks                                                                                                                                                          |
| 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 7KB (4K x 14) FLASH 28-SSOP                                                                                     |
| DATA CONVERTERS                  | A/D 11x12b, D/A 1x8b                                                                                                                                             |
| CORE SIZE                        | 8-Bit                                                                                                                                                            |
| CORE PROCESSOR                   | PIC                                                                                                                                                              |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART                                                                                                                                     |
| BASE PART NUMBER                 | PIC16F1783                                                                                                                                                       |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology PIC16F1783-I/SS | PIC16F1783-I/SS Distributor            | PIC16F1783-I/SS Supplier                               |
| PIC16F1783-I/SS Price                         | PIC16F1783-I/SS Pictures               | PIC16F1783-I/SS Image                                  |
| PIC16F1783-I/SS PDF Datasheet                 | PIC16F1783-I/SS Download Datasheet     | PIC16F1783-I/SS Datasheet                              |
| PIC16F1783-I/SS Stock                         | Buy PIC16F1783-I/SS                    | Buy Micrel / Microchip Technology PIC16F1783-I/SS      |
| Micrel / Microchip Technology PIC16F1783-I/SS | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology PIC16F1783-I/SS | Microchip Technology PIC16F1783-I/SS   | Roving Networks / Microchip Technology PIC16F1783-I/SS |

Related Products

|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                     |
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|  <p><b>PIC16F1783T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28SSOP<br/>In stock: Out stock</p> <p>RFQ</p> |  <p><b>PIC16F1783-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28SSOP<br/>In stock: 423 pcs</p> <p>RFQ</p>   |
|  <p><b>PIC16F1783T-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28UQFN<br/>In stock: Out stock</p> <p>RFQ</p> |  <p><b>PIC16F1783-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28SOIC<br/>In stock: 906 pcs</p> <p>RFQ</p>   |
|  <p><b>PIC16F1783T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28SOIC<br/>In stock: Out stock</p> <p>RFQ</p> |  <p><b>PIC16F1783-E/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28SDIP<br/>In stock: Out stock</p> <p>RFQ</p> |
|  <p><b>PIC16F1783T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28QFN<br/>In stock: Out stock</p> <p>RFQ</p>  |  <p><b>PIC16F1784-E/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 40UQFN<br/>In stock: Out stock</p> <p>RFQ</p> |
|  <p><b>PIC16F1783-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28QFN<br/>In stock: Out stock</p> <p>RFQ</p>   |  <p><b>PIC16F1783-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28UQFN<br/>In stock: 69 pcs</p> <p>RFQ</p>    |
|  <p><b>PIC16F1784-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 44QFN<br/>In stock: Out stock</p> <p>RFQ</p>   |  <p><b>PIC16F1783-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28SDIP<br/>In stock: 513 pcs</p> <p>RFQ</p>   |