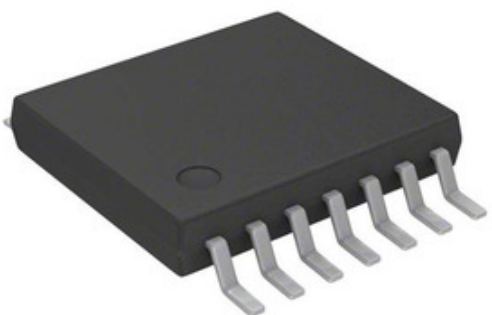


 **Micrel / Microchip Technology**



**PIC16LF1823-I/ST**

Part Number:

PIC16LF1823-I/ST

Manufacturer/Brand:

Micrel / Microchip Technology

Product description

IC MCU 8BIT 3.5KB FLASH 14TSSOP

 1.PIC16LF1823-I/ST.pdf

 2.PIC16LF1823-I/ST.pdf

 3.PIC16LF1823-I/ST.pdf

Datasheets:

RoHs Status

 Lead free / RoHS Compliant

Ship From

Hong Kong

Shipment Way

DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

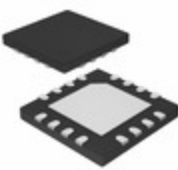
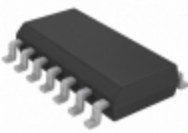
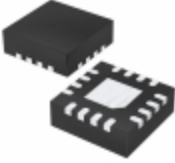
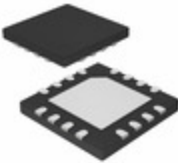
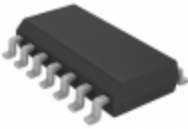
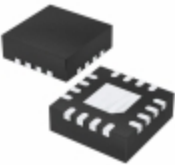
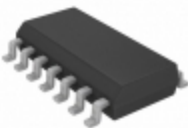
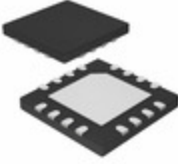
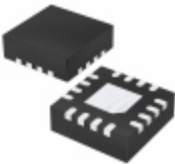
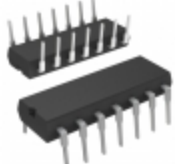
Specifications of PIC16LF1823-I/ST

|                                  |                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16LF1823-I/ST                                                                                                                                                                                                                                                                                                                                                  |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                     |
| DESCRIPTION                      | IC MCU 8BIT 3.5KB FLASH 14TSSOP                                                                                                                                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                        |
| DATA SHEET                       | <div> 1.PIC16LF1823-I/ST.pdf</div> <div> 2.PIC16LF1823-I/ST.pdf</div> <div> 3.PIC16LF1823-I/ST.pdf</div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 14-TSSOP                                                                                                                                                                                                                                                                                                                                                          |
| SPEED                            | 32MHz                                                                                                                                                                                                                                                                                                                                                             |
| SERIES                           | PIC® XLP™ 16F                                                                                                                                                                                                                                                                                                                                                     |
| RAM SIZE                         | 128 x 8                                                                                                                                                                                                                                                                                                                                                           |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                             |
| PROGRAM MEMORY SIZE              | 3.5KB (2K x 14)                                                                                                                                                                                                                                                                                                                                                   |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                             |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                                              |
| PACKAGE / CASE                   | 14-TSSOP (0.173", 4.40mm Width)                                                                                                                                                                                                                                                                                                                                   |
| OTHER NAMES                      | PIC16LF1823IST                                                                                                                                                                                                                                                                                                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                 |
| NUMBER OF I/O                    | 12                                                                                                                                                                                                                                                                                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER STANDARD LEAD TIME  | 14 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 3.5KB (2K x 14) FLASH 14-TSSOP                                                                                                                                                                                                                                                                                   |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                                                                                                                                                                                                                                                                         |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                             |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                               |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                      |
| BASE PART NUMBER                 | PIC16LF1823                                                                                                                                                                                                                                                                                                                                                       |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology PIC16LF1823-I/ST | PIC16LF1823-I/ST Distributor           | PIC16LF1823-I/ST Supplier                               |
| PIC16LF1823-I/ST Price                         | PIC16LF1823-I/ST Pictures              | PIC16LF1823-I/ST Image                                  |
| PIC16LF1823-I/ST PDF Datasheet                 | PIC16LF1823-I/ST Download Datasheet    | PIC16LF1823-I/ST Datasheet                              |
| PIC16LF1823-I/ST Stock                         | Buy PIC16LF1823-I/ST                   | Buy Micrel / Microchip Technology PIC16LF1823-I/ST      |
| Micrel / Microchip Technology PIC16LF1823-I/ST | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology PIC16LF1823-I/ST | Microchip Technology PIC16LF1823-I/ST  | Roving Networks / Microchip Technology PIC16LF1823-I/ST |

Related Products

|                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>PIC16LF1823-E/ST</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 3.5KB FLASH 14TSSOP</div><div>In stock: Out stock</div><div>RFQ</div></div> | <div></div> <div><b>PIC16LF1823-I/JQ</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 3.5KB FLASH 16UQFN</div><div>In stock: Out stock</div><div>RFQ</div></div>   |
| <div></div> <div><b>PIC16LF1823-I/SL</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 3.5KB FLASH 14SOIC</div><div>In stock: Out stock</div><div>RFQ</div></div>  | <div></div> <div><b>PIC16LF1823T-I/ST</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 3.5KB FLASH 14TSSOP</div><div>In stock: Out stock</div><div>RFQ</div></div> |
| <div></div> <div><b>PIC16LF1823-I/ML</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 3.5KB FLASH 16QFN</div><div>In stock: 6 pcs</div><div>RFQ</div></div>       | <div></div> <div><b>PIC16LF1824-E/JQ</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 7KB FLASH 16UQFN</div><div>In stock: Out stock</div><div>RFQ</div></div>     |
| <div></div> <div><b>PIC16LF1823T-I/SL</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 3.5KB FLASH 14SOIC</div><div>In stock: Out stock</div><div>RFQ</div></div> | <div></div> <div><b>PIC16LF1824-E/ML</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 7KB FLASH 16QFN</div><div>In stock: Out stock</div><div>RFQ</div></div>      |
| <div></div> <div><b>PIC16LF1823-E/SL</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 3.5KB FLASH 14SOIC</div><div>In stock: Out stock</div><div>RFQ</div></div>  | <div></div> <div><b>PIC16LF1823T-I/JQ</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 3.5KB FLASH 16UQFN</div><div>In stock: Out stock</div><div>RFQ</div></div>  |
| <div></div> <div><b>PIC16LF1823T-I/ML</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 3.5KB FLASH 16QFN</div><div>In stock: Out stock</div><div>RFQ</div></div>  | <div></div> <div><b>PIC16LF1823-I/P</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 3.5KB FLASH 14DIP</div><div>In stock: 660 pcs</div><div>RFQ</div></div>       |