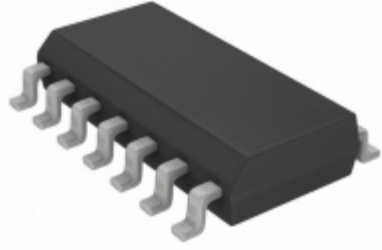


PIC16F18323-E/SL





Part Number: [PIC16F18323-E/SL](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 3.5KB FLASH 14SOIC

Data sheet:  [PIC16\(L\)F183xx Brief](#)  
 [PIC16\(L\)F18313,23](#)

RoHs Status: Lead free / RoHS Compliant

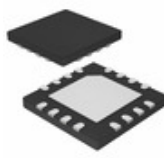
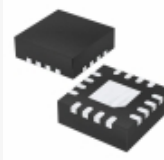
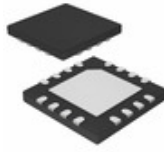
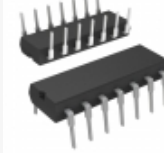
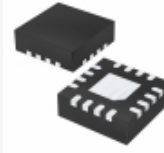
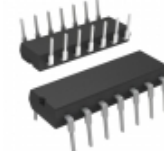
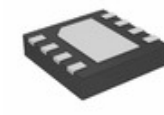
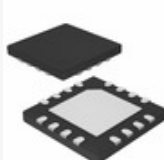
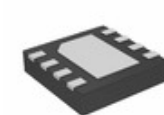
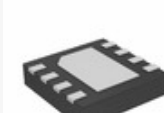
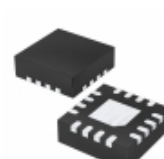
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                |                                 |                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------|---------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PIC16F18323-E/SL                                                               | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MCU 8BIT 3.5KB FLASH 14SOIC                                                 | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 74079 pcs                                                                      | Data sheet                      | <a href="#">PIC16(L)F183xx Brief</a><br><a href="#">PIC16(L)F18313,23</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                                      | Voltage - Supply (Vcc/Vdd)      | 2.3 V ~ 5.5 V                                                             |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 14-SOIC                                                                        | 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, PWM, WDT                                          | Packaging                       | Tube                                                                      |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 14-SOIC (0.154", 3.90mm Width)                                                 | Oscillator Type                 | Internal                                                                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -40°C ~ 125°C (TA)                                                             | Number of I/O                   | 12                                                                        |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 (Unlimited)                                                                  | Manufacturer Standard Lead Time | 12 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-SOIC | Data Converters                 | A/D 11x10b, D/A 1x5b                                                      |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 8-Bit                                                                          | Core Processor                  | PIC                                                                       |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | I²C, LINbus, SPI, UART/USART                                                   | Base Part Number                | PIC16F18323                                                               |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                              |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC16F18323-E/JQ</a><br>Description: IC MCU 8BIT 3.5KB FLASH 16UQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F18323-I/SL</a><br>Description: IC MCU 8BIT 3.5KB FLASH 14SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F18323-I/ST</a><br>Description: IC MCU 8BIT 3.5KB FLASH 14TSSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F18323-I/ML</a><br>Description: IC MCU 8BIT 3.5KB FLASH 16QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F18323-I/JQ</a><br>Description: IC MCU 8BIT 3.5KB FLASH 16UQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F18323-E/P</a><br>Description: IC MCU 8BIT 3.5KB FLASH 14DIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F18313-I/SN</a><br>Description: IC MCU 8BIT 3.5KB FLASH 8SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F18323-E/ML</a><br>Description: IC MCU 8BIT 3.5KB FLASH 16QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F18323T-I/SL</a><br>Description: IC MCU 8BIT 3.5KB FLASH 14SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F18313T-I/MS</a><br>Description: IC MCU 8BIT 3.5KB FLASH 8MSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F18323-I/P</a><br>Description: IC MCU 8BIT 3.5KB FLASH 14DIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F18313-I/P</a><br>Description: IC MCU 8BIT 3.5KB FLASH 8DIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F18313T-I/RF</a><br>Description: IC MCU 8BIT 3.5KB FLASH 8UDFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F18323-E/ST</a><br>Description: IC MCU 8BIT 3.5KB FLASH 14TSSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F18313T-I/SN</a><br>Description: IC MCU 8BIT 3.5KB FLASH 8SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F18323T-I/JQ</a><br>Description: IC MCU 8BIT 3.5KB FLASH 16UQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F18313-I/RF</a><br>Description: IC MCU 8BIT 3.5KB FLASH 8UDFN    | Manufacturers: <a href="#">Microchip Technology</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F18313T-I/MF</a><br>Description: IC MCU 8BIT 3.5KB FLASH 8DFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F18323T-I/ML</a><br>Description: IC MCU 8BIT 3.5KB FLASH 16QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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