

PIC16F18323T-I/ML





Part Number: [PIC16F18323T-I/ML](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 3.5KB FLASH 16QFN

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

RoHs Status: Lead free / RoHS Compliant

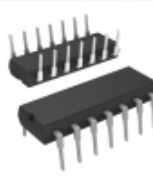
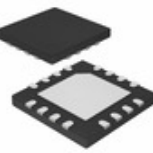
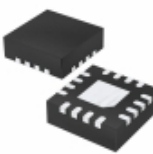
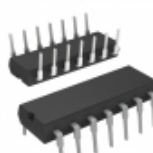
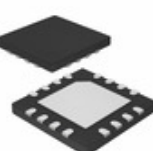
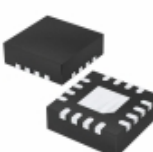
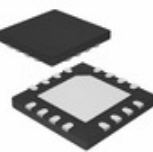
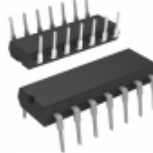
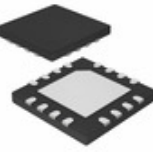
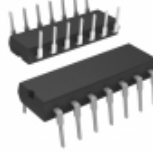
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Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                |                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PIC16F18323T-I/ML                         | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MCU 8BIT 3.5KB FLASH 16QFN             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 5130 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 16-QFN (4x4)                              | 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                      | Tape & Reel (TR)                                                                    |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 16-VQFN Exposed Pad                       | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 256 x 8                                   | Detailed Description           | PIC PIC® XLP™ 16F Microcontroller IC 8-Bit 32MHz 3.5KB (2K x 14) FLASH 16-QFN (4x4) |
| 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                               |                                |                                                                                     |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 5130 pieces of Micrel / Microchip Technology PIC16F18323T-I/ML in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                |                                                                                     |

| RELATED PRODUCTS                                                                   |                                                                                          |                                                              |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | 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/P</a><br>Description: IC MCU 8BIT 3.5KB FLASH 14DIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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