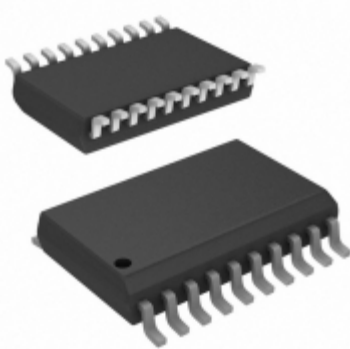


PIC24FJ16MC101T-I/ISO





Part Number: [PIC24FJ16MC101T-I/ISO](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 16KB FLASH 20SOIC

Data sheet:  [PIC24FJ101,102 Errata](#)  
 [16-bit Embedded Control Solutions](#)  
 [PIC24FJ\(16,32\)MC10x](#)

RoHs Status: Lead free / RoHS Compliant

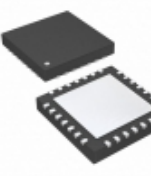
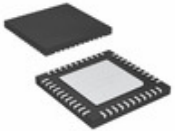
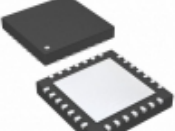
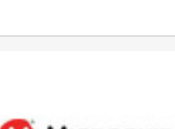
Ship From: Hong Kong

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

Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                               |                                 |                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | PIC24FJ16MC101T-I/ISO                                                         | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC MCU 16BIT 16KB FLASH 20SOIC                                                | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 46569 pcs                                                                     | Data sheet                      | <a href="#">PIC24FJ101,102 Errata</a><br><a href="#">16-bit Embedded Control Solutions</a><br><a href="#">PIC24FJ(16,32)MC10x</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a>                                     | Voltage - Supply (Vcc/Vdd)      | 3 V ~ 3.6 V                                                                                                                       |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 20-SOIC                                                                       | Speed                           | 16 MIPS                                                                                                                           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | PIC® 24F                                                                      | RAM Size                        | 1K x 8                                                                                                                            |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | FLASH                                                                         | Program Memory Size             | 16KB (5.5K x 24)                                                                                                                  |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Brown-out Detect/Reset, Motor Control PWM, POR, PWM, WDT                      | Packaging                       | Tape & Reel (TR)                                                                                                                  |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 20-SOIC (0.295", 7.50mm Width)                                                | Oscillator Type                 | Internal                                                                                                                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -40°C ~ 85°C (TA)                                                             | Number of I/O                   | 15                                                                                                                                |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1 (Unlimited)                                                                 | Manufacturer Standard Lead Time | 12 Weeks                                                                                                                          |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Lead free / RoHS Compliant                                                    | EEPROM Size                     | -                                                                                                                                 |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | PIC PIC® 24F Microcontroller IC 16-Bit 16 MIPS 16KB (5.5K x 24) FLASH 20-SOIC | Data Converters                 | A/D 4x10b                                                                                                                         |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 16-Bit                                                                        | Core Processor                  | PIC                                                                                                                               |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | I²C, IrDA, LINbus, SPI, UART/USART                                            | Base Part Number                | PIC24FJ16MC101                                                                                                                    |
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|  | Part#: <a href="#">PIC24FJ16MC101T-I/SS</a><br>Description: IC MCU 16BIT 16KB FLASH 20SSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ16MC101-I/P</a><br>Description: IC MCU 16BIT 16KB FLASH 20DIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ16GA004-I/PT</a><br>Description: IC MCU 16BIT 16KB FLASH 44TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ16GA004-I/ML</a><br>Description: IC MCU 16BIT 16KB FLASH 44QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ16MC102-E/ML</a><br>Description: IC MCU 16BIT 16KB FLASH 28QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ16MC102-I/ISO</a><br>Description: IC MCU 16BIT 16KB FLASH 28SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ16MC101-E/SS</a><br>Description: IC MCU 16BIT 16KB FLASH 20SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ16GA004T-I/PT</a><br>Description: IC MCU 16BIT 16KB FLASH 44TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ16MC102-E/SO</a><br>Description: IC MCU 16BIT 16KB FLASH 28SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ16MC102-I/SP</a><br>Description: IC MCU 16BIT 16KB FLASH 28SDIP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ16MC102-E/SS</a><br>Description: IC MCU 16BIT 16KB FLASH 28SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ16GA004T-I/ML</a><br>Description: IC MCU 16BIT 16KB FLASH 44QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ16MC101-E/SO</a><br>Description: IC MCU 16BIT 16KB FLASH 20SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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