

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

## PIC24FJ16MC101-E/SS

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC24FJ16MC101-E/SS                                                                                          |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 16BIT 16KB FLASH 20SSOP                                                                               |
|                     |  1.PIC24FJ16MC101-E/SS.pdf  |
|                     |  2.PIC24FJ16MC101-E/SS.pdf  |
|                     |  3.PIC24FJ16MC101-E/SS.pdf  |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 50302 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

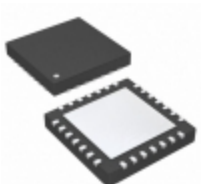
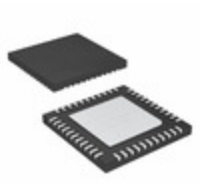
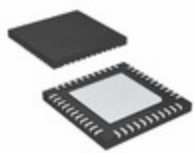
### Specifications of PIC24FJ16MC101-E/SS

|                                  |                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC24FJ16MC101-E/SS                                                                                                                                                                                                                                                                                                                             |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                   |
| DESCRIPTION                      | IC MCU 16BIT 16KB FLASH 20SSOP                                                                                                                                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                      |
| QUANTITY AVAILABLE               | 50302 pcs                                                                                                                                                                                                                                                                                                                                       |
| DATA SHEET                       |  1.PIC24FJ16MC101-E/SS.pdf<br> 2.PIC24FJ16MC101-E/SS.pdf<br> 3.PIC24FJ16MC101-E/SS.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 20-SSOP                                                                                                                                                                                                                                                                                                                                         |
| 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                        | Tube                                                                                                                                                                                                                                                                                                                                            |
| PACKAGE / CASE                   | 20-SSOP (0.209", 5.30mm Width)                                                                                                                                                                                                                                                                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                                                                                                              |
| NUMBER OF I/O                    | 15                                                                                                                                                                                                                                                                                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                   |
| 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-SSOP                                                                                                                                                                                                                                                                   |
| DATA CONVERTERS                  | A/D 4x10b                                                                                                                                                                                                                                                                                                                                       |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                                                                                                                                          |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                             |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                              |
| BASE PART NUMBER                 | PIC24FJ16MC101                                                                                                                                                                                                                                                                                                                                  |

### Related Tags

|                                                   |                                          |                                                            |
|---------------------------------------------------|------------------------------------------|------------------------------------------------------------|
| Micrel / Microchip Technology PIC24FJ16MC101-E/SS | PIC24FJ16MC101-E/SS Distributor          | PIC24FJ16MC101-E/SS Supplier                               |
| PIC24FJ16MC101-E/SS Price                         | PIC24FJ16MC101-E/SS Pictures             | PIC24FJ16MC101-E/SS Image                                  |
| PIC24FJ16MC101-E/SS PDF Datasheet                 | PIC24FJ16MC101-E/SS Download Datasheet   | PIC24FJ16MC101-E/SS Datasheet                              |
| PIC24FJ16MC101-E/SS Stock                         | Buy PIC24FJ16MC101-E/SS                  | Buy Micrel / Microchip Technology PIC24FJ16MC101-E/SS      |
| Micrel / Microchip Technology PIC24FJ16MC101-E/SS | Micrel / Microchip Technology Supplier   | Micrel / Microchip Technology Distributor                  |
| Micrel / Microchip Technology PIC24FJ16MC101-E/SS | Microchip Technology PIC24FJ16MC101-E/SS | Roving Networks / Microchip Technology PIC24FJ16MC101-E/SS |

### Related Products

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|  <div><b>PIC24FJ16MC101-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 20SOIC<br/>In stock: 37222 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC24FJ16GA004T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 44TQFP<br/>In stock: 39997 pcs<br/><div>RFQ</div></div> |
|  <div><b>PIC24FJ16MC102-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28QFN<br/>In stock: 43001 pcs<br/><div>RFQ</div></div>   |  <div><b>PIC24FJ16GA004T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 44QFN<br/>In stock: 34624 pcs<br/><div>RFQ</div></div>  |
|  <div><b>PIC24FJ16MC101-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 20DIP<br/>In stock: 5128 pcs<br/><div>RFQ</div></div>     |  <div><b>PIC24FJ16MC101T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 20SOIC<br/>In stock: 40550 pcs<br/><div>RFQ</div></div> |
|  <div><b>PIC24FJ16MC101T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 20SSOP<br/>In stock: 57767 pcs<br/><div>RFQ</div></div> |  <div><b>PIC24FJ16MC101-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 20SSOP<br/>In stock: 48211 pcs<br/><div>RFQ</div></div>  |
|  <div><b>PIC24FJ16MC101-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 20SOIC<br/>In stock: 44396 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC24FJ16MC101-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 20DIP<br/>In stock: 43605 pcs<br/><div>RFQ</div></div>    |
|  <div><b>PIC24FJ16GA004-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 44TQFP<br/>In stock: 40909 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC24FJ16GA004-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 44QFN<br/>In stock: 30214 pcs<br/><div>RFQ</div></div>   |