



Micrel / Microchip Technology

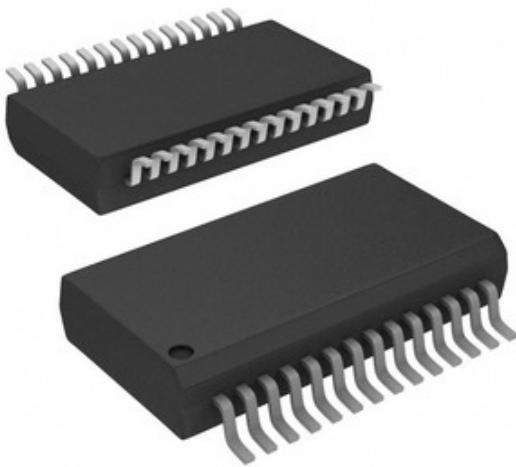


Image may be representation. See specifications for product details.

PIC24FJ16MC102T-I/SS

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC24FJ16MC102T-I/SS                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 16BIT 16KB FLASH 28SSOP                                                                               |
|                     |  1.PIC24FJ16MC102T-I/SS.pdf |
|                     |  2.PIC24FJ16MC102T-I/SS.pdf |
|                     |  3.PIC24FJ16MC102T-I/SS.pdf |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 45442 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

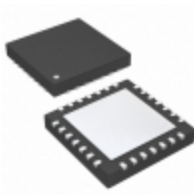
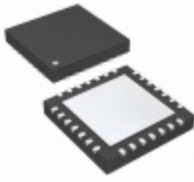
Specifications of PIC24FJ16MC102T-I/SS

|                                  |                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC24FJ16MC102T-I/SS                                                                                                                                                                                                                                                                                                                               |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                      |
| DESCRIPTION                      | IC MCU 16BIT 16KB FLASH 28SSOP                                                                                                                                                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                         |
| QUANTITY AVAILABLE               | 45442 pcs                                                                                                                                                                                                                                                                                                                                          |
| DATA SHEET                       |  1.PIC24FJ16MC102T-I/SS.pdf<br> 2.PIC24FJ16MC102T-I/SS.pdf<br> 3.PIC24FJ16MC102T-I/SS.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 28-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                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                                   |
| PACKAGE / CASE                   | 28-SSOP (0.209", 5.30mm Width)                                                                                                                                                                                                                                                                                                                     |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                  |
| NUMBER OF I/O                    | 21                                                                                                                                                                                                                                                                                                                                                 |
| 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 28-SSOP                                                                                                                                                                                                                                                                      |
| DATA CONVERTERS                  | A/D 6x10b                                                                                                                                                                                                                                                                                                                                          |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                                                                                                                                             |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                                 |
| BASE PART NUMBER                 | PIC24FJ16MC102                                                                                                                                                                                                                                                                                                                                     |

Related Tags

|                                                    |                                           |                                                             |
|----------------------------------------------------|-------------------------------------------|-------------------------------------------------------------|
| Micrel / Microchip Technology PIC24FJ16MC102T-I/SS | PIC24FJ16MC102T-I/SS Distributor          | PIC24FJ16MC102T-I/SS Supplier                               |
| PIC24FJ16MC102T-I/SS Price                         | PIC24FJ16MC102T-I/SS Pictures             | PIC24FJ16MC102T-I/SS Image                                  |
| PIC24FJ16MC102T-I/SS PDF Datasheet                 | PIC24FJ16MC102T-I/SS Download Datasheet   | PIC24FJ16MC102T-I/SS Datasheet                              |
| PIC24FJ16MC102T-I/SS Stock                         | Buy PIC24FJ16MC102T-I/SS                  | Buy Micrel / Microchip Technology PIC24FJ16MC102T-I/SS      |
| Micrel / Microchip Technology PIC24FJ16MC102T-I/SS | Micrel / Microchip Technology Supplier    | Micrel / Microchip Technology Distributor                   |
| Micrel / Microchip Technology PIC24FJ16MC102T-I/SS | Microchip Technology PIC24FJ16MC102T-I/SS | Roving Networks / Microchip Technology PIC24FJ16MC102T-I/SS |

Related Products

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|  <div><b>PIC24FJ16MC102T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28QFN<br/>In stock: 51655 pcs<br/>RFQ</div>    |  <div><b>PIC24FJ16MC102-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28SSOP<br/>In stock: 49821 pcs<br/>RFQ</div>   |
|  <div><b>PIC24FJ192GA108-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 192KB FLASH 80TQFP<br/>In stock: 17573 pcs<br/>RFQ</div>  |  <div><b>PIC24FJ16MC102T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28SOIC<br/>In stock: 6912 pcs<br/>RFQ</div>   |
|  <div><b>PIC24FJ192GA106T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 192KB FLASH 64TQFP<br/>In stock: 23357 pcs<br/>RFQ</div> |  <div><b>PIC24FJ192GA106-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 192KB FLASH 64TQFP<br/>In stock: 17435 pcs<br/>RFQ</div> |
|  <div><b>PIC24FJ192GA106-E/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 192KB FLASH 64QFN<br/>In stock: 20026 pcs<br/>RFQ</div>   |  <div><b>PIC24FJ16MC102-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28QFN<br/>In stock: 42994 pcs<br/>RFQ</div>    |
|  <div><b>PIC24FJ16MC102-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28SDIP<br/>In stock: 45965 pcs<br/>RFQ</div>    |  <div><b>PIC24FJ16MC102-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28SOIC<br/>In stock: 51645 pcs<br/>RFQ</div>   |
|  <div><b>PIC24FJ192GA106-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 192KB FLASH 64TQFP<br/>In stock: 18902 pcs<br/>RFQ</div>  |  <div><b>PIC24FJ192GA106-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 192KB FLASH 64QFN<br/>In stock: 19460 pcs<br/>RFQ</div>  |