

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

### PIC24FV16KM202T-I/SO

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC24FV16KM202T-I/SO                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 16BIT 16KB FLASH 28SOIC                                                                               |
| Datasheets:         |  1.PIC24FV16KM202T-I/SO.pdf |
|                     |  2.PIC24FV16KM202T-I/SO.pdf |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

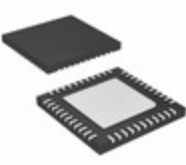
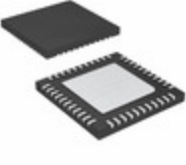
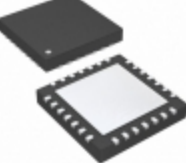
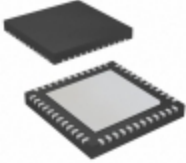
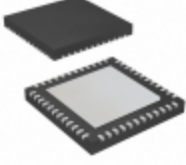
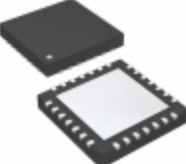
#### Specifications of PIC24FV16KM202T-I/SO

|                                  |                                                                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC24FV16KM202T-I/SO                                                                                                                                                                                                             |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                    |
| DESCRIPTION                      | IC MCU 16BIT 16KB FLASH 28SOIC                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                       |
| DATA SHEET                       |  1.PIC24FV16KM202T-I/SO.pdf<br> 2.PIC24FV16KM202T-I/SO.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 5 V                                                                                                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 28-SOIC                                                                                                                                                                                                                          |
| SPEED                            | 32MHz                                                                                                                                                                                                                            |
| SERIES                           | PIC® XLP™ 24F                                                                                                                                                                                                                    |
| RAM SIZE                         | 2K x 8                                                                                                                                                                                                                           |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                            |
| PROGRAM MEMORY SIZE              | 16KB (5.5K x 24)                                                                                                                                                                                                                 |
| PERIPHERALS                      | Brown-out Detect/Reset, LVD, POR, PWM, WDT                                                                                                                                                                                       |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 28-SOIC (0.295", 7.50mm Width)                                                                                                                                                                                                   |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                |
| NUMBER OF I/O                    | 23                                                                                                                                                                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                    |
| MANUFACTURER STANDARD LEAD TIME  | 17 Weeks                                                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                       |
| EEPROM SIZE                      | 512 x 8                                                                                                                                                                                                                          |
| DETAILED DESCRIPTION             | PIC PIC® XLP™ 24F Microcontroller IC 16-Bit 32MHz 16KB (5.5K x 24) FLASH 28-SOIC                                                                                                                                                 |
| DATA CONVERTERS                  | A/D 19x10b/12b, D/A 2x8b                                                                                                                                                                                                         |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                           |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                              |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                                                                                               |
| BASE PART NUMBER                 | PIC24FV16KM202                                                                                                                                                                                                                   |

#### Related Tags

|                                                    |                                           |                                                             |
|----------------------------------------------------|-------------------------------------------|-------------------------------------------------------------|
| Micrel / Microchip Technology PIC24FV16KM202T-I/SO | PIC24FV16KM202T-I/SO Distributor          | PIC24FV16KM202T-I/SO Supplier                               |
| PIC24FV16KM202T-I/SO Price                         | PIC24FV16KM202T-I/SO Pictures             | PIC24FV16KM202T-I/SO Image                                  |
| PIC24FV16KM202T-I/SO PDF Datasheet                 | PIC24FV16KM202T-I/SO Download Datasheet   | PIC24FV16KM202T-I/SO Datasheet                              |
| PIC24FV16KM202T-I/SO Stock                         | Buy PIC24FV16KM202T-I/SO                  | Buy Micrel / Microchip Technology PIC24FV16KM202T-I/SO      |
| Micrel / Microchip Technology PIC24FV16KM202T-I/SO | Micrel / Microchip Technology Supplier    | Micrel / Microchip Technology Distributor                   |
| Micrel / Microchip Technology PIC24FV16KM202T-I/SO | Microchip Technology PIC24FV16KM202T-I/SO | Roving Networks / Microchip Technology PIC24FV16KM202T-I/SO |

#### Related Products

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|  <div><b>PIC24FV16KM202-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28SOIC<br/>In stock: 288 pcs<br/><b>RFQ</b></div>   |  <div><b>PIC24FV16KM204-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 44QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>   |
|  <div><b>PIC24FV16KM204-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 44QFN<br/>In stock: 211 pcs<br/><b>RFQ</b></div>    |  <div><b>PIC24FV16KM202T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28SSOP<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>PIC24FV16KM202-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28QFN<br/>In stock: 229 pcs<br/><b>RFQ</b></div>    |  <div><b>PIC24FV16KM204-E/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 48UQFN<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
|  <div><b>PIC24FV16KM202-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28SDIP<br/>In stock: 339 pcs<br/><b>RFQ</b></div>   |  <div><b>PIC24FV16KM202-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28SSOP<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
|  <div><b>PIC24FV16KM204-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 44TQFP<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>PIC24FV16KM204-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 48UQFN<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
|  <div><b>PIC24FV16KM202-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28SSOP<br/>In stock: 750 pcs<br/><b>RFQ</b></div>   |  <div><b>PIC24FV16KM202T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>  |