

PIC24F16KM202-I/SS





Part Number: [PIC24F16KM202-I/SS](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 16KB FLASH 28SSOP

Data sheet:  [PIC24FV16KM204 Family Datasheet](#)  
 [PIC24F16KM204 Family Errata & Datasheet](#)  
[Clarificat](#)

RoHs Status: Lead free / RoHS Compliant

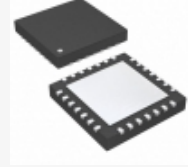
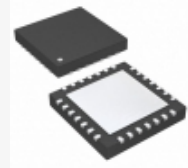
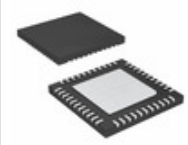
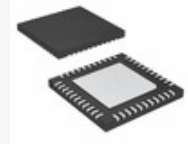
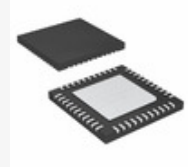
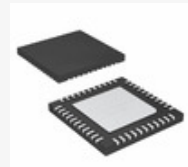
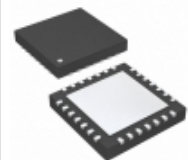
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                  |                                 |                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PIC24F16KM202-I/SS                                                               | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC MCU 16BIT 16KB FLASH 28SSOP                                                   | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 45114 pcs                                                                        | Data sheet                      | <a href="#">PIC24FV16KM204 Family Datasheet</a><br><a href="#">PIC24F16KM204 Family Errata &amp; Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>                                        | Voltage - Supply (Vcc/Vdd)      | <a href="#">Clarificat</a><br>1.8 V ~ 3.6 V                                                                    |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 28-SSOP                                                                          | 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                       | Tube                                                                                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 28-SSOP (0.209", 5.30mm Width)                                                   | Oscillator Type                 | Internal                                                                                                       |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -40°C ~ 85°C (TA)                                                                | Number of I/O                   | 24                                                                                                             |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1 (Unlimited)                                                                    | Manufacturer Standard Lead Time | 12 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-SSOP | Data Converters                 | A/D 19x10b/12b, D/A 2x8b                                                                                       |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 16-Bit                                                                           | Core Processor                  | PIC                                                                                                            |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PC, IrDA, LINbus, SPI, UART/USART                                                | Base Part Number                | PIC24F16KM202                                                                                                  |
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| RELATED PRODUCTS                                                                   |                                                                                           |                                                              |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC24F16KM204-E/MV</a><br>Description: IC MCU 16BIT 16KB FLASH 48UQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24F16KM202T-I/ML</a><br>Description: IC MCU 16BIT 16KB FLASH 28QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24F16KM202-I/SO</a><br>Description: IC MCU 16BIT 16KB FLASH 28SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24F16KM204-I/PT</a><br>Description: IC MCU 16BIT 16KB FLASH 44TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24F16KM202T-I/SO</a><br>Description: IC MCU 16BIT 16KB FLASH 28SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24F16KM202-I/ML</a><br>Description: IC MCU 16BIT 16KB FLASH 28QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC24F16KM202-E/SP</a><br>Description: IC MCU 16BIT 16KB FLASH 28SDIP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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