

PIC24FV16KA302-E/SS





Part Number:

PIC24FV16KA302-E/SS

Manufacturer:

Micrel / Microchip Technology

Description:

IC MCU 16BIT 16KB FLASH 28SSOP

Data sheet:

 [PIC24FV32KA304 Family Datasheet](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

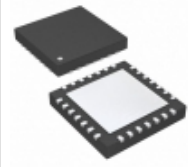
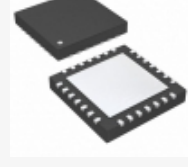
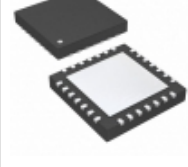
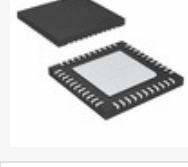
Shipment Way:

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Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                  |                                 |                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|---------------------------------|-------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | PIC24FV16KA302-E/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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 39309 pcs                                                                        | Data sheet                      | <a href="#">PIC24FV32KA304 Family Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a>                                        | Voltage - Supply (Vcc/Vdd)      | 2 V ~ 5.5 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, HLVD, POR, PWM, WDT                                      | Packaging                       | Tube                                            |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 28-SSOP (0.209", 5.30mm Width)                                                   | Oscillator Type                 | Internal                                        |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -40°C ~ 125°C (TA)                                                               | Number of I/O                   | 23                                              |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 (Unlimited)                                                                    | Manufacturer Standard Lead Time | 9 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 13x12b                                      |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 16-Bit                                                                           | Core Processor                  | PIC                                             |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | I²C, IrDA, LINbus, SPI, UART/USART                                               | Base Part Number                | PIC24FV16KA302                                  |
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|  | Part#: <a href="#">PIC24FV16KA302T-I/ML</a><br>Description: IC MCU 16BIT 16KB FLASH 28QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FV16KA302-I/ML</a><br>Description: IC MCU 16BIT 16KB FLASH 28QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FV16KA304-I/MV</a><br>Description: IC MCU 16BIT 16KB FLASH 48UQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FV16KA302-E/SO</a><br>Description: IC MCU 16BIT 16KB FLASH 28SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FV16KA301-E/SS</a><br>Description: IC MCU 16BIT 16KB FLASH 20SSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FV16KA302-I/SS</a><br>Description: IC MCU 16BIT 16KB FLASH 28SSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FV16KA304-I/ML</a><br>Description: IC MCU 16BIT 16KB FLASH 44QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FV16KA304-E/MV</a><br>Description: IC MCU 16BIT 16KB FLASH 48UQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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Related keywords for PIC24FV16KA302-E/SS

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