

PIC24FV16KA301T-I/SS



Part Number: [PIC24FV16KA301T-I/SS](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 16KB FLASH 20SSOP

Data sheet:  [PIC24FV32KA304 Family Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

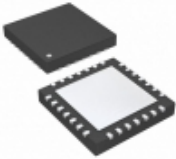
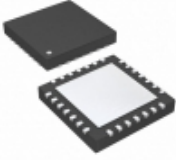
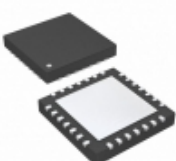
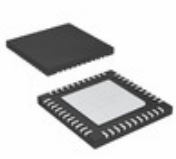
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                             |                                  |                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|----------------------------------|----------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PIC24FV16KA301T-I/SS                        | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC MCU 16BIT 16KB FLASH 20SSOP              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 46646 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 20-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                        | Tape & Reel (TR)                                                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 20-SSOP (0.209", 5.30mm Width)              | Other Names                      | PIC24FV16KA301T-I/SS-ND<br>PIC24FV16KA301T-I/SSSTR                               |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Internal                                    | Operating Temperature            | -40°C ~ 85°C (TA)                                                                |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 17                                          | 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 20-SSOP |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | A/D 12x12b                                  | Core Size                        | 16-Bit                                                                           |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PIC                                         | Connectivity                     | I²C, IrDA, LINbus, SPI, UART/USART                                               |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PIC24FV16KA301                              |                                  |                                                                                  |
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| RELATED PRODUCTS                                                                   |                                                                                            |                                                              |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | 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="#">PIC24FV16KA302T-I/SO</a><br>Description: IC MCU 16BIT 16KB FLASH 28SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC24FV16KA302-E/SP</a><br>Description: IC MCU 16BIT 16KB FLASH 28SDIP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FV08KM204T-I/INV</a><br>Description: IC MCU 16BIT 8KB FLASH 48UQFN | 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="#">PIC24FV16KA302-I/SP</a><br>Description: IC MCU 16BIT 16KB FLASH 28SDIP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FV16KA302-E/SS</a><br>Description: IC MCU 16BIT 16KB FLASH 28SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FV16KA301T-I/SO</a><br>Description: IC MCU 16BIT 16KB FLASH 20SOIC | 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="#">PIC24FV08KM204T-I/PT</a><br>Description: IC MCU 16BIT 8KB FLASH 44TQFP  | 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/SO</a><br>Description: IC MCU 16BIT 16KB FLASH 28SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FV16KA301-I/P</a><br>Description: IC MCU 16BIT 16KB FLASH 20DIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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Related keywords for PIC24FV16KA301T-I/SS

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