

MICROCHIP

Micrel / Microchip Technology



PIC24F16KA302-E/SP

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC24F16KA302-E/SP                                                                                           |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 16BIT 16KB FLASH 28SDIP                                                                               |
|                     |  1.PIC24F16KA302-E/SP.pdf   |
|                     |  2.PIC24F16KA302-E/SP.pdf   |
|                     |  3.PIC24F16KA302-E/SP.pdf   |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 31568 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

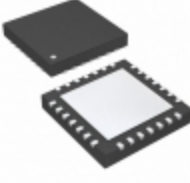
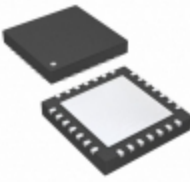
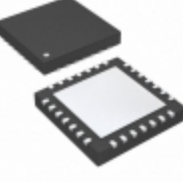
Specifications of PIC24F16KA302-E/SP

|                                  |                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC24F16KA302-E/SP                                                                                                                                                                                                                                                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                |
| DESCRIPTION                      | IC MCU 16BIT 16KB FLASH 28SDIP                                                                                                                                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                   |
| QUANTITY AVAILABLE               | 31568 pcs                                                                                                                                                                                                                                                                                                                                    |
| DATA SHEET                       |  1.PIC24F16KA302-E/SP.pdf<br> 2.PIC24F16KA302-E/SP.pdf<br> 3.PIC24F16KA302-E/SP.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 28-SPDIP                                                                                                                                                                                                                                                                                                                                     |
| 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-DIP (0.300", 7.62mm)                                                                                                                                                                                                                                                                                                                      |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                                                                                                           |
| NUMBER OF I/O                    | 24                                                                                                                                                                                                                                                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                |
| 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-SPDIP                                                                                                                                                                                                                                                            |
| DATA CONVERTERS                  | A/D 13x12b                                                                                                                                                                                                                                                                                                                                   |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                                                                                                                                       |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                          |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                           |
| BASE PART NUMBER                 | PIC24F16KA302                                                                                                                                                                                                                                                                                                                                |

Related Tags

|                                                  |                                         |                                                           |
|--------------------------------------------------|-----------------------------------------|-----------------------------------------------------------|
| Micrel / Microchip Technology PIC24F16KA302-E/SP | PIC24F16KA302-E/SP Distributor          | PIC24F16KA302-E/SP Supplier                               |
| PIC24F16KA302-E/SP Price                         | PIC24F16KA302-E/SP Pictures             | PIC24F16KA302-E/SP Image                                  |
| PIC24F16KA302-E/SP PDF Datasheet                 | PIC24F16KA302-E/SP Download Datasheet   | PIC24F16KA302-E/SP Datasheet                              |
| PIC24F16KA302-E/SP Stock                         | Buy PIC24F16KA302-E/SP                  | Buy Micrel / Microchip Technology PIC24F16KA302-E/SP      |
| Micrel / Microchip Technology PIC24F16KA302-E/SP | Micrel / Microchip Technology Supplier  | Micrel / Microchip Technology Distributor                 |
| Micrel / Microchip Technology PIC24F16KA302-E/SP | Microchip Technology PIC24F16KA302-E/SP | Roving Networks / Microchip Technology PIC24F16KA302-E/SP |

Related Products

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|  MICROCHIP<br><b>PIC24F16KA301-I/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 16BIT 16KB FLASH 20SSOP<br>In stock: 37430 pcs<br>RFQ | <br><b>PIC24F16KA301-I/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 16BIT 16KB FLASH 20SOIC<br>In stock: 38459 pcs<br>RFQ           |
| <br><b>PIC24F16KA302-E/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 16BIT 16KB FLASH 28SOIC<br>In stock: 35254 pcs<br>RFQ           | <br><b>PIC24F16KA302-I/ML</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 16BIT 16KB FLASH 28QFN<br>In stock: 27583 pcs<br>RFQ            |
| <br><b>PIC24F16KA301T-I/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 16BIT 16KB FLASH 20SOIC<br>In stock: 45085 pcs<br>RFQ          |  MICROCHIP<br><b>PIC24F16KA302-I/SP</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 16BIT 16KB FLASH 28SDIP<br>In stock: 41008 pcs<br>RFQ |
|  MICROCHIP<br><b>PIC24F16KA301T-I/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 16BIT 16KB FLASH 20SSOP<br>In stock: 4245 pcs<br>RFQ | <br><b>PIC24F16KA302T-I/ML</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 16BIT 16KB FLASH 28QFN<br>In stock: 39630 pcs<br>RFQ           |
| <br><b>PIC24F16KA302-E/ML</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 16BIT 16KB FLASH 28QFN<br>In stock: 5031 pcs<br>RFQ             | <br><b>PIC24F16KA302-I/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 16BIT 16KB FLASH 28SSOP<br>In stock: 35859 pcs<br>RFQ           |
| <br><b>PIC24F16KA302-I/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 16BIT 16KB FLASH 28SOIC<br>In stock: 30990 pcs<br>RFQ           | <br><b>PIC24F16KA302-E/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 16BIT 16KB FLASH 28SSOP<br>In stock: 39975 pcs<br>RFQ           |