

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC24F32KA301-E/SS

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC24F32KA301-E/SS                                                                                           |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 16BIT 32KB FLASH 20SSOP                                                                               |
|                     |  1.PIC24F32KA301-E/SS.pdf   |
|                     |  2.PIC24F32KA301-E/SS.pdf   |
|                     |  3.PIC24F32KA301-E/SS.pdf   |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 40946 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

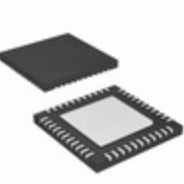
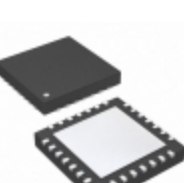
Specifications of PIC24F32KA301-E/SS

|                                  |                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC24F32KA301-E/SS                                                                                                                                                                                                                                                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                |
| DESCRIPTION                      | IC MCU 16BIT 32KB FLASH 20SSOP                                                                                                                                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                   |
| QUANTITY AVAILABLE               | 40946 pcs                                                                                                                                                                                                                                                                                                                                    |
| DATA SHEET                       |  1.PIC24F32KA301-E/SS.pdf<br> 2.PIC24F32KA301-E/SS.pdf<br> 3.PIC24F32KA301-E/SS.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 20-SSOP                                                                                                                                                                                                                                                                                                                                      |
| SPEED                            | 32MHz                                                                                                                                                                                                                                                                                                                                        |
| SERIES                           | PIC® XLP™ 24F                                                                                                                                                                                                                                                                                                                                |
| RAM SIZE                         | 2K x 8                                                                                                                                                                                                                                                                                                                                       |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                        |
| PROGRAM MEMORY SIZE              | 32KB (11K x 24)                                                                                                                                                                                                                                                                                                                              |
| PERIPHERALS                      | Brown-out Detect/Reset, HLVD, POR, PWM, WDT                                                                                                                                                                                                                                                                                                  |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                         |
| PACKAGE / CASE                   | 20-SSOP (0.209", 5.30mm Width)                                                                                                                                                                                                                                                                                                               |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                                                                                                           |
| NUMBER OF I/O                    | 18                                                                                                                                                                                                                                                                                                                                           |
| 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 32KB (11K 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                 | PIC24F32KA301                                                                                                                                                                                                                                                                                                                                |

Related Tags

|                                                  |                                         |                                                           |
|--------------------------------------------------|-----------------------------------------|-----------------------------------------------------------|
| Micrel / Microchip Technology PIC24F32KA301-E/SS | PIC24F32KA301-E/SS Distributor          | PIC24F32KA301-E/SS Supplier                               |
| PIC24F32KA301-E/SS Price                         | PIC24F32KA301-E/SS Pictures             | PIC24F32KA301-E/SS Image                                  |
| PIC24F32KA301-E/SS PDF Datasheet                 | PIC24F32KA301-E/SS Download Datasheet   | PIC24F32KA301-E/SS Datasheet                              |
| PIC24F32KA301-E/SS Stock                         | Buy PIC24F32KA301-E/SS                  | Buy Micrel / Microchip Technology PIC24F32KA301-E/SS      |
| Micrel / Microchip Technology PIC24F32KA301-E/SS | Micrel / Microchip Technology Supplier  | Micrel / Microchip Technology Distributor                 |
| Micrel / Microchip Technology PIC24F32KA301-E/SS | Microchip Technology PIC24F32KA301-E/SS | Roving Networks / Microchip Technology PIC24F32KA301-E/SS |

Related Products

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|  <div><b>PIC24F16KM204-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 44TQFP<br/>In stock: 28398 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC24F32KA301-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 20DIP<br/>In stock: 32675 pcs<br/><div>RFQ</div></div>   |
|  <div><b>PIC24F16KM204T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 44QFN<br/>In stock: 5643 pcs<br/><div>RFQ</div></div>   |  <div><b>PIC24F16KM204T-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 48UQFN<br/>In stock: 2876 pcs<br/><div>RFQ</div></div> |
|  <div><b>PIC24F32KA301T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 20SSOP<br/>In stock: 39687 pcs<br/><div>RFQ</div></div> |  <div><b>PIC24F32KA301-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 20SOIC<br/>In stock: 35659 pcs<br/><div>RFQ</div></div> |
|  <div><b>PIC24F32KA302-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28QFN<br/>In stock: 29778 pcs<br/><div>RFQ</div></div>   |  <div><b>PIC24F32KA301T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 20SOIC<br/>In stock: 4495 pcs<br/><div>RFQ</div></div> |
|  <div><b>PIC24F32KA301-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 20DIP<br/>In stock: 31241 pcs<br/><div>RFQ</div></div>    |  <div><b>PIC24F16KM204T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 44TQFP<br/>In stock: 6406 pcs<br/><div>RFQ</div></div> |
|  <div><b>PIC24F32KA301-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 20SSOP<br/>In stock: 37900 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC24F32KA301-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 20SOIC<br/>In stock: 39364 pcs<br/><div>RFQ</div></div> |