

MICROCHIP

Micrel / Microchip Technology



PIC24FJ32MC102-E/TL

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC24FJ32MC102-E/TL                                                                                          |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 16BIT 32KB FLASH 36VTLA                                                                               |
|                     |  1.PIC24FJ32MC102-E/TL.pdf  |
|                     |  2.PIC24FJ32MC102-E/TL.pdf  |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5375 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

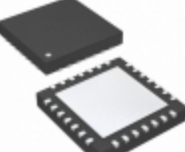
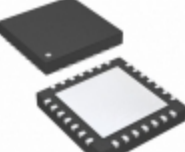
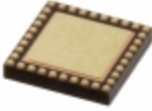
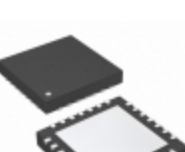
Specifications of PIC24FJ32MC102-E/TL

|                                  |                                                                                                                                                                                                                                |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC24FJ32MC102-E/TL                                                                                                                                                                                                            |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                  |
| DESCRIPTION                      | IC MCU 16BIT 32KB FLASH 36VTLA                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                     |
| QUANTITY AVAILABLE               | 5375 pcs                                                                                                                                                                                                                       |
| DATA SHEET                       |  1.PIC24FJ32MC102-E/TL.pdf<br> 2.PIC24FJ32MC102-E/TL.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 36-VTLA (5x5)                                                                                                                                                                                                                  |
| SPEED                            | 16 MIPS                                                                                                                                                                                                                        |
| SERIES                           | PIC® 24F                                                                                                                                                                                                                       |
| RAM SIZE                         | 1K x 16                                                                                                                                                                                                                        |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                          |
| PROGRAM MEMORY SIZE              | 32KB (11K x 24)                                                                                                                                                                                                                |
| PERIPHERALS                      | Brown-out Detect/Reset, Motor Control PWM, POR, PWM, WDT                                                                                                                                                                       |
| PACKAGING                        | Tube                                                                                                                                                                                                                           |
| PACKAGE / CASE                   | 36-VFTLA Exposed Pad                                                                                                                                                                                                           |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                             |
| NUMBER OF I/O                    | 21                                                                                                                                                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                     |
| EEPROM SIZE                      | -                                                                                                                                                                                                                              |
| DETAILED DESCRIPTION             | PIC PIC® 24F Microcontroller IC 16-Bit 16 MIPS 32KB (11K x 24) FLASH 36-VTLA (5x5)                                                                                                                                             |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                                                                                                                                      |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                         |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                            |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                                                                                             |
| BASE PART NUMBER                 | PIC24FJ32MC102                                                                                                                                                                                                                 |

Related Tags

|                                                   |                                          |                                                            |
|---------------------------------------------------|------------------------------------------|------------------------------------------------------------|
| Micrel / Microchip Technology PIC24FJ32MC102-E/TL | PIC24FJ32MC102-E/TL Distributor          | PIC24FJ32MC102-E/TL Supplier                               |
| PIC24FJ32MC102-E/TL Price                         | PIC24FJ32MC102-E/TL Pictures             | PIC24FJ32MC102-E/TL Image                                  |
| PIC24FJ32MC102-E/TL PDF Datasheet                 | PIC24FJ32MC102-E/TL Download Datasheet   | PIC24FJ32MC102-E/TL Datasheet                              |
| PIC24FJ32MC102-E/TL Stock                         | Buy PIC24FJ32MC102-E/TL                  | Buy Micrel / Microchip Technology PIC24FJ32MC102-E/TL      |
| Micrel / Microchip Technology PIC24FJ32MC102-E/TL | Micrel / Microchip Technology Supplier   | Micrel / Microchip Technology Distributor                  |
| Micrel / Microchip Technology PIC24FJ32MC102-E/TL | Microchip Technology PIC24FJ32MC102-E/TL | Roving Networks / Microchip Technology PIC24FJ32MC102-E/TL |

Related Products

|                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>PIC24FJ32MC102-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SOIC<br/>In stock: 4690 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC24FJ32MC102-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SOIC<br/>In stock: 34977 pcs<br/><div>RFQ</div></div> |
|  <div><b>PIC24FJ32MC102T-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28QFN<br/>In stock: 7061 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC24FJ32MC102-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28QFN<br/>In stock: 40539 pcs<br/><div>RFQ</div></div>  |
|  <div><b>PIC24FJ32MC102-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SDIP<br/>In stock: 37402 pcs<br/><div>RFQ</div></div> |  <div><b>PIC24FJ32MC102-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SSOP<br/>In stock: 3152 pcs<br/><div>RFQ</div></div>  |
|  <div><b>PIC24FJ32MC101T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 20SOIC<br/>In stock: 4508 pcs<br/><div>RFQ</div></div> |  <div><b>PIC24FJ32MC101T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 20SSOP<br/>In stock: 4351 pcs<br/><div>RFQ</div></div> |
|  <div><b>PIC24FJ32MC102-I/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 36VTLA<br/>In stock: 35924 pcs<br/><div>RFQ</div></div> |  <div><b>PIC24FJ32MC102-E/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SDIP<br/>In stock: 6509 pcs<br/><div>RFQ</div></div>  |
|  <div><b>PIC24FJ32MC102-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SSOP<br/>In stock: 36335 pcs<br/><div>RFQ</div></div> |  <div><b>PIC24FJ32MC102-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28QFN<br/>In stock: 44330 pcs<br/><div>RFQ</div></div>  |