

 **Micrel / Microchip Technology**



Image may be representation. See specifications for product details.

PIC24FJ32GA102-I/ML

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC24FJ32GA102-I/ML                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Product description | IC MCU 16BIT 32KB FLASH 28QFN <div> 1.PIC24FJ32GA102-I/ML.pdf</div> <div> 2.PIC24FJ32GA102-I/ML.pdf</div> <div> 3.PIC24FJ32GA102-I/ML.pdf</div> <div> 4.PIC24FJ32GA102-I/ML.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                              |
| Stock Condition     | 32753 pcs stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

REQUEST FOR QUOTATION

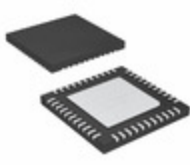
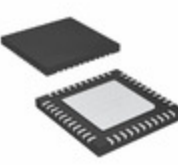
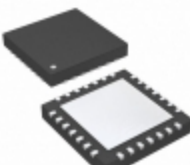
Specifications of PIC24FJ32GA102-I/ML

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC24FJ32GA102-I/ML                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| DESCRIPTION                      | IC MCU 16BIT 32KB FLASH 28QFN                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| QUANTITY AVAILABLE               | 32753 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| DATA SHEET                       | <div> 1.PIC24FJ32GA102-I/ML.pdf</div> <div> 2.PIC24FJ32GA102-I/ML.pdf</div> <div> 3.PIC24FJ32GA102-I/ML.pdf</div> <div> 4.PIC24FJ32GA102-I/ML.pdf</div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 28-QFN (6x6)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| SPEED                            | 32MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| SERIES                           | PIC® XLP™ 24F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| RAM SIZE                         | 8K x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| PROGRAM MEMORY SIZE              | 32KB (11K x 24)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PERIPHERALS                      | Brown-out Detect/Reset, LVD, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| PACKAGE / CASE                   | 28-VQFN Exposed Pad                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| OTHER NAMES                      | PIC24FJ32GA102IML                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 85°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® XLP™ 24F Microcontroller IC 16-Bit 32MHz 32KB (11K x 24) FLASH 28-QFN (6x6)                                                                                                                                                                                                                                                                                                                                                                                                                |
| DATA CONVERTERS                  | A/D 10x10b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| CONNECTIVITY                     | I²C, IrDA, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| BASE PART NUMBER                 | PIC24FJ32GA102                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

Related Tags

|                                                   |                                          |                                                            |
|---------------------------------------------------|------------------------------------------|------------------------------------------------------------|
| Micrel / Microchip Technology PIC24FJ32GA102-I/ML | PIC24FJ32GA102-I/ML Distributor          | PIC24FJ32GA102-I/ML Supplier                               |
| PIC24FJ32GA102-I/ML Price                         | PIC24FJ32GA102-I/ML Pictures             | PIC24FJ32GA102-I/ML Image                                  |
| PIC24FJ32GA102-I/ML PDF Datasheet                 | PIC24FJ32GA102-I/ML Download Datasheet   | PIC24FJ32GA102-I/ML Datasheet                              |
| PIC24FJ32GA102-I/ML Stock                         | Buy PIC24FJ32GA102-I/ML                  | Buy Micrel / Microchip Technology PIC24FJ32GA102-I/ML      |
| Micrel / Microchip Technology PIC24FJ32GA102-I/ML | Micrel / Microchip Technology Supplier   | Micrel / Microchip Technology Distributor                  |
| Micrel / Microchip Technology PIC24FJ32GA102-I/ML | Microchip Technology PIC24FJ32GA102-I/ML | Roving Networks / Microchip Technology PIC24FJ32GA102-I/ML |

Related Products

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| <div></div> <div><b>PIC24FJ32GA102-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SDIP<br/>In stock: 40808 pcs</div> <div>RFQ</div>  | <div></div> <div><b>PIC24FJ32GA102-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SSOP<br/>In stock: 28748 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>PIC24FJ32GA004T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 44TQFP<br/>In stock: 34890 pcs</div> <div>RFQ</div> | <div></div> <div><b>PIC24FJ32GA004-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 44QFN<br/>In stock: 31821 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>PIC24FJ32GA004T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 44QFN<br/>In stock: 34833 pcs</div> <div>RFQ</div>  | <div></div> <div><b>PIC24FJ32GA102T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SOIC<br/>In stock: 39757 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>PIC24FJ32GA004-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 44TQFP<br/>In stock: 27161 pcs</div> <div>RFQ</div>  | <div></div> <div><b>PIC24FJ32GA102-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SOIC<br/>In stock: 36117 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>PIC24FJ32GA004-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 44TQFP<br/>In stock: 28722 pcs</div> <div>RFQ</div>  | <div></div> <div><b>PIC24FJ32GA102T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28QFN<br/>In stock: 44046 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>PIC24FJ32GA102-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SSOP<br/>In stock: 41221 pcs</div> <div>RFQ</div>  | <div></div> <div><b>PIC24FJ32GA102T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SSOP<br/>In stock: 41292 pcs</div> <div>RFQ</div> |