



PIC24FJ16GA002-E/ML

|                     |                                                                                                                                                                                                       |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC24FJ16GA002-E/ML                                                                                                                                                                                   |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                         |
| Product description | IC MCU 16BIT 16KB FLASH 28QFN <div><div>PDF</div>1.PIC24FJ16GA002-E/ML.pdf<div>PDF</div>2.PIC24FJ16GA002-E/ML.pdf<div>PDF</div>3.PIC24FJ16GA002-E/ML.pdf<div>PDF</div>4.PIC24FJ16GA002-E/ML.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                       |
| RoHs Status         | <div><div>RoHS</div>Lead free / RoHS Compliant</div>                                                                                                                                                  |
| Stock Condition     | 39190 pcs stock                                                                                                                                                                                       |
| Ship From           | Hong Kong                                                                                                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                 |

REQUEST FOR QUOTATION

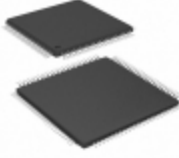
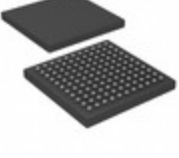
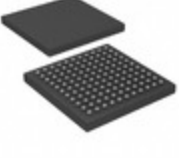
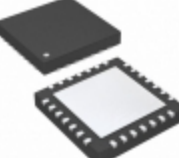
Specifications of PIC24FJ16GA002-E/ML

|                                  |                                                                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC24FJ16GA002-E/ML                                                                                                                                                     |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                           |
| DESCRIPTION                      | IC MCU 16BIT 16KB FLASH 28QFN                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                              |
| QUANTITY AVAILABLE               | 39190 pcs                                                                                                                                                               |
| DATA SHEET                       | <div><div>PDF</div>1.PIC24FJ16GA002-E/ML.pdf<div>PDF</div>2.PIC24FJ16GA002-E/ML.pdf<div>PDF</div>3.PIC24FJ16GA002-E/ML.pdf<div>PDF</div>4.PIC24FJ16GA002-E/ML.pdf</div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 3.6 V                                                                                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 28-QFN (6x6)                                                                                                                                                            |
| SPEED                            | 32MHz                                                                                                                                                                   |
| SERIES                           | PIC® 24F                                                                                                                                                                |
| RAM SIZE                         | 4K x 8                                                                                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                   |
| PROGRAM MEMORY SIZE              | 16KB (5.5K x 24)                                                                                                                                                        |
| PERIPHERALS                      | Brown-out Detect/Reset, LVD, POR, PWM, WDT                                                                                                                              |
| PACKAGING                        | Tube                                                                                                                                                                    |
| PACKAGE / CASE                   | 28-VQFN 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 32MHz 16KB (5.5K x 24) FLASH 28-QFN (6x6)                                                                                        |
| DATA CONVERTERS                  | A/D 10x10b                                                                                                                                                              |
| CORE SIZE                        | 16-Bit                                                                                                                                                                  |
| CORE PROCESSOR                   | PIC                                                                                                                                                                     |
| CONNECTIVITY                     | I²C, PMP, SPI, UART/USART                                                                                                                                               |
| BASE PART NUMBER                 | PIC24FJ16GA002                                                                                                                                                          |

Related Tags

|                                                   |                                          |                                                            |
|---------------------------------------------------|------------------------------------------|------------------------------------------------------------|
| Micrel / Microchip Technology PIC24FJ16GA002-E/ML | PIC24FJ16GA002-E/ML Distributor          | PIC24FJ16GA002-E/ML Supplier                               |
| PIC24FJ16GA002-E/ML Price                         | PIC24FJ16GA002-E/ML Pictures             | PIC24FJ16GA002-E/ML Image                                  |
| PIC24FJ16GA002-E/ML PDF Datasheet                 | PIC24FJ16GA002-E/ML Download Datasheet   | PIC24FJ16GA002-E/ML Datasheet                              |
| PIC24FJ16GA002-E/ML Stock                         | Buy PIC24FJ16GA002-E/ML                  | Buy Micrel / Microchip Technology PIC24FJ16GA002-E/ML      |
| Micrel / Microchip Technology PIC24FJ16GA002-E/ML | Micrel / Microchip Technology Supplier   | Micrel / Microchip Technology Distributor                  |
| Micrel / Microchip Technology PIC24FJ16GA002-E/ML | Microchip Technology PIC24FJ16GA002-E/ML | Roving Networks / Microchip Technology PIC24FJ16GA002-E/ML |

Related Products

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div></div><div><b>PIC24FJ128GC010T-I/PT</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 128KB FLASH 100TQFP</div><div>In stock: 16690 pcs</div><div>RFQ</div></div></div> | <div><div></div><div><b>PIC24FJ128GC006T-I/PT</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 128KB FLASH 64TQFP</div><div>In stock: 5444 pcs</div><div>RFQ</div></div></div>  |
| <div><div></div><div><b>PIC24FJ16GA002-I/SO</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 16KB FLASH 28SOIC</div><div>In stock: 35701 pcs</div><div>RFQ</div></div></div>     | <div><div></div><div><b>PIC24FJ16GA002-E/SS</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 16KB FLASH 28SSOP</div><div>In stock: 32844 pcs</div><div>RFQ</div></div></div>    |
| <div><div></div><div><b>PIC24FJ16GA002-E/SO</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 16KB FLASH 28SOIC</div><div>In stock: 48775 pcs</div><div>RFQ</div></div></div>     | <div><div></div><div><b>PIC24FJ16GA002-I/SP</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 16KB FLASH 28SDIP</div><div>In stock: 38864 pcs</div><div>RFQ</div></div></div>    |
| <div><div></div><div><b>PIC24FJ128GC010-I/BG</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 128KB FLASH 121BGA</div><div>In stock: 16091 pcs</div><div>RFQ</div></div></div>   | <div><div></div><div><b>PIC24FJ128GC010-I/PT</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 128KB FLASH 100TQFP</div><div>In stock: 16966 pcs</div><div>RFQ</div></div></div> |
| <div><div></div><div><b>PIC24FJ128GC010T-I/BG</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 128KB FLASH 121BGA</div><div>In stock: 18865 pcs</div><div>RFQ</div></div></div>  | <div><div></div><div><b>PIC24FJ128GC006T-I/MR</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 128KB FLASH 64QFN</div><div>In stock: 24479 pcs</div><div>RFQ</div></div></div>  |
| <div><div></div><div><b>PIC24FJ16GA002-I/ML</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 16KB FLASH 28QFN</div><div>In stock: 34602 pcs</div><div>RFQ</div></div></div>      | <div><div></div><div><b>PIC24FJ16GA002-E/SP</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 16KB FLASH 28SDIP</div><div>In stock: 38877 pcs</div><div>RFQ</div></div></div>    |