

 **Micrel / Microchip Technology**



PIC24FJ48GA004T-I/ML

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC24FJ48GA004T-I/ML                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Product description | IC MCU 16BIT 48KB FLASH 44QFN <div> 1.PIC24FJ48GA004T-I/ML.pdf<div> 2.PIC24FJ48GA004T-I/ML.pdf<div> 3.PIC24FJ48GA004T-I/ML.pdf<div> 4.PIC24FJ48GA004T-I/ML.pdf</div></div></div></div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                               |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

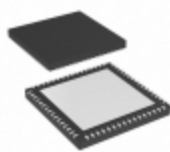
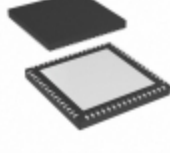
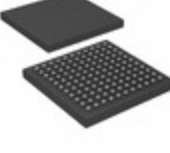
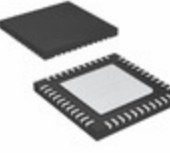
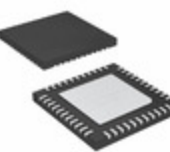
Specifications of PIC24FJ48GA004T-I/ML

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC24FJ48GA004T-I/ML                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| DESCRIPTION                      | IC MCU 16BIT 48KB FLASH 44QFN                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| DATA SHEET                       | <div> 1.PIC24FJ48GA004T-I/ML.pdf<div> 2.PIC24FJ48GA004T-I/ML.pdf<div> 3.PIC24FJ48GA004T-I/ML.pdf<div> 4.PIC24FJ48GA004T-I/ML.pdf</div></div></div></div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 44-QFN (8x8)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| SPEED                            | 32MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| SERIES                           | PIC® 24F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| RAM SIZE                         | 8K x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| PROGRAM MEMORY SIZE              | 48KB (16K x 24)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| PERIPHERALS                      | Brown-out Detect/Reset, LVD, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 44-VQFN Exposed Pad                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| NUMBER OF I/O                    | 35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| MANUFACTURER STANDARD LEAD TIME  | 17 Weeks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DETAILED DESCRIPTION             | PIC PIC® 24F Microcontroller IC 16-Bit 32MHz 48KB (16K x 24) FLASH 44-QFN (8x8)                                                                                                                                                                                                                                                                                                                                                                                                                      |
| DATA CONVERTERS                  | A/D 13x10b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| CONNECTIVITY                     | I²C, PMP, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| BASE PART NUMBER                 | PIC24FJ48GA004                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

Related Tags

|                                                    |                                           |                                                             |
|----------------------------------------------------|-------------------------------------------|-------------------------------------------------------------|
| Micrel / Microchip Technology PIC24FJ48GA004T-I/ML | PIC24FJ48GA004T-I/ML Distributor          | PIC24FJ48GA004T-I/ML Supplier                               |
| PIC24FJ48GA004T-I/ML Price                         | PIC24FJ48GA004T-I/ML Pictures             | PIC24FJ48GA004T-I/ML Image                                  |
| PIC24FJ48GA004T-I/ML PDF Datasheet                 | PIC24FJ48GA004T-I/ML Download Datasheet   | PIC24FJ48GA004T-I/ML Datasheet                              |
| PIC24FJ48GA004T-I/ML Stock                         | Buy PIC24FJ48GA004T-I/ML                  | Buy Micrel / Microchip Technology PIC24FJ48GA004T-I/ML      |
| Micrel / Microchip Technology PIC24FJ48GA004T-I/ML | Micrel / Microchip Technology Supplier    | Micrel / Microchip Technology Distributor                   |
| Micrel / Microchip Technology PIC24FJ48GA004T-I/ML | Microchip Technology PIC24FJ48GA004T-I/ML | Roving Networks / Microchip Technology PIC24FJ48GA004T-I/ML |

Related Products

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| <div></div> <div><b>PIC24FJ512GA606-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 512KB FLASH 64QFN<br/>In stock: 156 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>PIC24FJ512GA606T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 512KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>PIC24FJ512GA606T-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 512KB FLASH 64QFN<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>PIC24FJ512GA610-I/BG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 512KB FLASH 121BGA<br/>In stock: 184 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>PIC24FJ48GA004-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 48KB FLASH 44QFN<br/>In stock: 470 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>PIC24FJ48GA002T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 48KB FLASH 28SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>PIC24FJ48GA004-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 48KB FLASH 44TQFP<br/>In stock: 461 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>PIC24FJ48GA004-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 48KB FLASH 44QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
| <div></div> <div><b>PIC24FJ48GA002T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 48KB FLASH 28SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>PIC24FJ512GA606-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 512KB FLASH 64TQFP<br/>In stock: 420 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>PIC24FJ48GA004T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 48KB FLASH 44TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>PIC24FJ48GA004-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 48KB FLASH 44TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |