



Micrel / Microchip Technology

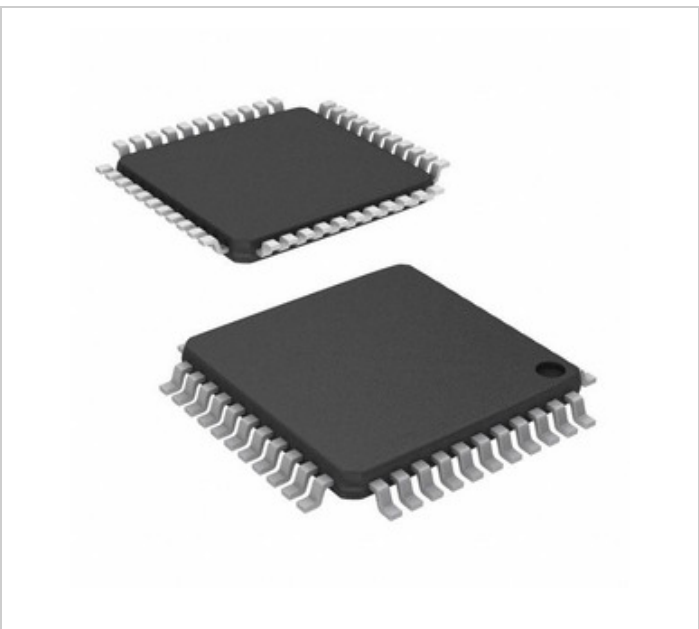


Image may be representation. See specifications for product details.

PIC24FJ16GA004-I/PT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC24FJ16GA004-I/PT                                                                                          |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 16BIT 16KB FLASH 44TQFP                                                                               |
|                     |  1.PIC24FJ16GA004-I/PT.pdf  |
|                     |  2.PIC24FJ16GA004-I/PT.pdf  |
|                     |  3.PIC24FJ16GA004-I/PT.pdf  |
|                     |  4.PIC24FJ16GA004-I/PT.pdf  |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 40909 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

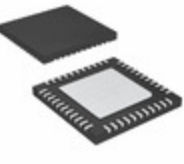
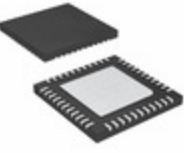
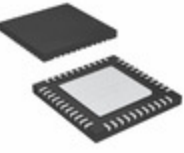
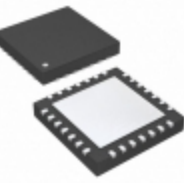
Specifications of PIC24FJ16GA004-I/PT

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC24FJ16GA004-I/PT                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DESCRIPTION                      | IC MCU 16BIT 16KB FLASH 44TQFP                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| QUANTITY AVAILABLE               | 40909 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| DATA SHEET                       |  1.PIC24FJ16GA004-I/PT.pdf<br> 2.PIC24FJ16GA004-I/PT.pdf<br> 3.PIC24FJ16GA004-I/PT.pdf<br> 4.PIC24FJ16GA004-I/PT.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 44-TQFP (10x10)                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 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                        | Tray                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| PACKAGE / CASE                   | 44-TQFP                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| OTHER NAMES                      | PIC24FJ16GA004IPT                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| NUMBER OF I/O                    | 35                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 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 44-TQFP (10x10)                                                                                                                                                                                                                                                                                                                                                                              |
| DATA CONVERTERS                  | A/D 13x10b                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| CONNECTIVITY                     | I²C, PMP, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| BASE PART NUMBER                 | PIC24FJ16GA004                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

Related Tags

|                                                   |                                          |                                                            |
|---------------------------------------------------|------------------------------------------|------------------------------------------------------------|
| Micrel / Microchip Technology PIC24FJ16GA004-I/PT | PIC24FJ16GA004-I/PT Distributor          | PIC24FJ16GA004-I/PT Supplier                               |
| PIC24FJ16GA004-I/PT Price                         | PIC24FJ16GA004-I/PT Pictures             | PIC24FJ16GA004-I/PT Image                                  |
| PIC24FJ16GA004-I/PT PDF Datasheet                 | PIC24FJ16GA004-I/PT Download Datasheet   | PIC24FJ16GA004-I/PT Datasheet                              |
| PIC24FJ16GA004-I/PT Stock                         | Buy PIC24FJ16GA004-I/PT                  | Buy Micrel / Microchip Technology PIC24FJ16GA004-I/PT      |
| Micrel / Microchip Technology PIC24FJ16GA004-I/PT | Micrel / Microchip Technology Supplier   | Micrel / Microchip Technology Distributor                  |
| Micrel / Microchip Technology PIC24FJ16GA004-I/PT | Microchip Technology PIC24FJ16GA004-I/PT | Roving Networks / Microchip Technology PIC24FJ16GA004-I/PT |

Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>PIC24FJ16GA004-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 44TQFP<br/>In stock: 34188 pcs<br/><b>RFQ</b></div>  |  <div><b>PIC24FJ16MC101-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 20SSOP<br/>In stock: 50302 pcs<br/><b>RFQ</b></div>  |
|  <div><b>PIC24FJ16MC101-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 20DIP<br/>In stock: 43605 pcs<br/><b>RFQ</b></div>    |  <div><b>PIC24FJ16MC101-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 20SOIC<br/>In stock: 44396 pcs<br/><b>RFQ</b></div>  |
|  <div><b>PIC24FJ16MC101-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 20DIP<br/>In stock: 5128 pcs<br/><b>RFQ</b></div>     |  <div><b>PIC24FJ16GA004-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 44QFN<br/>In stock: 35069 pcs<br/><b>RFQ</b></div>   |
|  <div><b>PIC24FJ16GA004-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 44QFN<br/>In stock: 30214 pcs<br/><b>RFQ</b></div>   |  <div><b>PIC24FJ16GA004T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 44QFN<br/>In stock: 34624 pcs<br/><b>RFQ</b></div>  |
|  <div><b>PIC24FJ16GA004T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 44TQFP<br/>In stock: 39997 pcs<br/><b>RFQ</b></div> |  <div><b>PIC24FJ16GA002T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28SOIC<br/>In stock: 49760 pcs<br/><b>RFQ</b></div> |
|  <div><b>PIC24FJ16GA002T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28SSOP<br/>In stock: 44342 pcs<br/><b>RFQ</b></div> |  <div><b>PIC24FJ16GA002T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28QFN<br/>In stock: 43607 pcs<br/><b>RFQ</b></div>  |