



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC24FJ64GA310-I/PF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC24FJ64GA310-I/PF                                                                                          |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 16BIT 64KB FLASH 100TQFP                                                                              |
|                     |  1.PIC24FJ64GA310-I/PF.pdf  |
|                     |  2.PIC24FJ64GA310-I/PF.pdf  |
|                     |  3.PIC24FJ64GA310-I/PF.pdf  |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

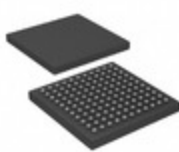
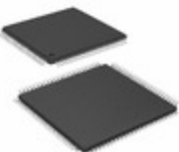
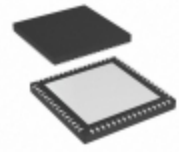
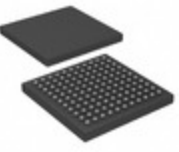
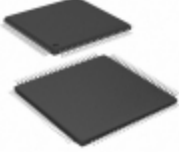
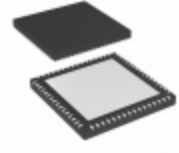
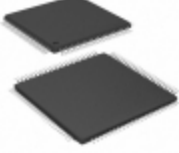
Specifications of PIC24FJ64GA310-I/PF

|                                  |                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC24FJ64GA310-I/PF                                                                                                                                                                                                                                                                                                                             |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                   |
| DESCRIPTION                      | IC MCU 16BIT 64KB FLASH 100TQFP                                                                                                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                      |
| DATA SHEET                       |  1.PIC24FJ64GA310-I/PF.pdf<br> 2.PIC24FJ64GA310-I/PF.pdf<br> 3.PIC24FJ64GA310-I/PF.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 100-TQFP (14x14)                                                                                                                                                                                                                                                                                                                                |
| SPEED                            | 32MHz                                                                                                                                                                                                                                                                                                                                           |
| SERIES                           | PIC® XLP™ 24F                                                                                                                                                                                                                                                                                                                                   |
| RAM SIZE                         | 8K x 8                                                                                                                                                                                                                                                                                                                                          |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                           |
| PROGRAM MEMORY SIZE              | 64KB (22K x 24)                                                                                                                                                                                                                                                                                                                                 |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT                                                                                                                                                                                                                                                                                                 |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                                            |
| PACKAGE / CASE                   | 100-TQFP                                                                                                                                                                                                                                                                                                                                        |
| OTHER NAMES                      | PIC24FJ64GA310IPF                                                                                                                                                                                                                                                                                                                               |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                               |
| NUMBER OF I/O                    | 85                                                                                                                                                                                                                                                                                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                   |
| MANUFACTURER STANDARD LEAD TIME  | 12 Weeks                                                                                                                                                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                      |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                               |
| DETAILED DESCRIPTION             | PIC PIC® XLP™ 24F Microcontroller IC 16-Bit 32MHz 64KB (22K x 24) FLASH 100-TQFP (14x14)                                                                                                                                                                                                                                                        |
| DATA CONVERTERS                  | A/D 24x10b/12b                                                                                                                                                                                                                                                                                                                                  |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                                                                                                                                          |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                             |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                              |
| BASE PART NUMBER                 | PIC24FJ64GA310                                                                                                                                                                                                                                                                                                                                  |

Related Tags

|                                                   |                                          |                                                            |
|---------------------------------------------------|------------------------------------------|------------------------------------------------------------|
| Micrel / Microchip Technology PIC24FJ64GA310-I/PF | PIC24FJ64GA310-I/PF Distributor          | PIC24FJ64GA310-I/PF Supplier                               |
| PIC24FJ64GA310-I/PF Price                         | PIC24FJ64GA310-I/PF Pictures             | PIC24FJ64GA310-I/PF Image                                  |
| PIC24FJ64GA310-I/PF PDF Datasheet                 | PIC24FJ64GA310-I/PF Download Datasheet   | PIC24FJ64GA310-I/PF Datasheet                              |
| PIC24FJ64GA310-I/PF Stock                         | Buy PIC24FJ64GA310-I/PF                  | Buy Micrel / Microchip Technology PIC24FJ64GA310-I/PF      |
| Micrel / Microchip Technology PIC24FJ64GA310-I/PF | Micrel / Microchip Technology Supplier   | Micrel / Microchip Technology Distributor                  |
| Micrel / Microchip Technology PIC24FJ64GA310-I/PF | Microchip Technology PIC24FJ64GA310-I/PF | Roving Networks / Microchip Technology PIC24FJ64GA310-I/PF |

Related Products

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|  <p><b>PIC24FJ64GA310-I/BG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 121TFBGA<br/>In stock: 9 pcs</p> <p>RFQ</p>    |  <p><b>PIC24FJ64GA306-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 64TQFP<br/>In stock: Out stock</p> <p>RFQ</p>    |
|  <p><b>PIC24FJ64GA406-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 64TQFP<br/>In stock: Out stock</p> <p>RFQ</p>  |  <p><b>PIC24FJ64GA310T-I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 100TQFP<br/>In stock: Out stock</p> <p>RFQ</p>  |
|  <p><b>PIC24FJ64GA308T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 80TQFP<br/>In stock: Out stock</p> <p>RFQ</p> |  <p><b>PIC24FJ64GA306T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 64TQFP<br/>In stock: Out stock</p> <p>RFQ</p>   |
|  <p><b>PIC24FJ64GA406-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 64QFN<br/>In stock: Out stock</p> <p>RFQ</p>   |  <p><b>PIC24FJ64GA310T-I/BG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 121TFBGA<br/>In stock: Out stock</p> <p>RFQ</p> |
|  <p><b>PIC24FJ64GA308-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 80TQFP<br/>In stock: 272 pcs</p> <p>RFQ</p>    |  <p><b>PIC24FJ64GA310-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 100TQFP<br/>In stock: 203 pcs</p> <p>RFQ</p>     |
|  <p><b>PIC24FJ64GA306T-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 64QFN<br/>In stock: Out stock</p> <p>RFQ</p>  |  <p><b>PIC24FJ64GA310T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 100TQFP<br/>In stock: Out stock</p> <p>RFQ</p>  |