

PIC24FJ64GA410-I/PT





Part Number: [PIC24FJ64GA410-I/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 64KB FLASH 100TQFP

Data sheet:  [PIC24FJ256G\(A,B\)4xx Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

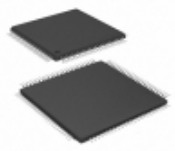
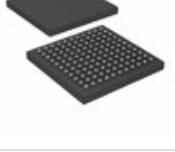
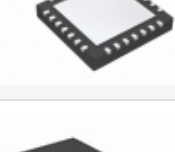
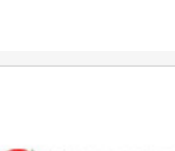
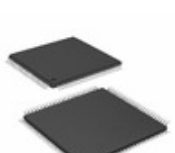
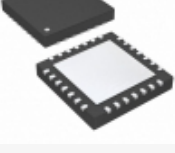
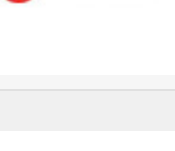
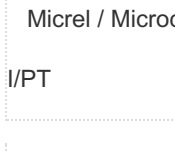
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Images are for reference only.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                          |                                 |                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | PIC24FJ64GA410-I/PT                                                                      | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | IC MCU 16BIT 64KB FLASH 100TQFP                                                          | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 25570 pcs                                                                                | Data sheet                      | <a href="#">PIC24FJ256G(A,B)4xx Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a>                                                | Voltage - Supply (Vcc/Vdd)      | 2 V ~ 3.6 V                                   |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 100-TQFP (12x12)                                                                         | 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, LVD, POR, PWM, WDT                                     | Packaging                       | Tray                                          |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 100-TQFP                                                                                 | 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 (12x12) | Data Converters                 | A/D 24x10b/12b, D/A 1x10b                     |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 16-Bit                                                                                   | Core Processor                  | PIC                                           |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | I²C, IrDA, LINbus, PMP/PSP, SPI, UART/USART                                              | Base Part Number                | PIC24FJ64GA410                                |
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| RELATED PRODUCTS                                                                   |                                                                                              |                                                              |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC24FJ64GA310-I/PT</a><br>Description: IC MCU 16BIT 64KB FLASH 100TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ64GA702-I/SO</a><br>Description: IC MCU 16-BIT 64KB FLASH 28SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ64GA412T-I/BG</a><br>Description: IC MCU 16BIT 64KB FLASH 121TFBGA | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ64GA310-I/BG</a><br>Description: IC MCU 16BIT 64KB FLASH 121TFBGA  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ64GA702-I/SS</a><br>Description: IC MCU 16-BIT 64KB FLASH 28SSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ64GA702T-I/ML</a><br>Description: IC MCU 16-BIT 64KB FLASH 28QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ64GA310T-I/PF</a><br>Description: IC MCU 16BIT 64KB FLASH 100TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ64GA702-I/MV</a><br>Description: IC MCU 16-BIT 64KB FLASH 28UQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ64GA406-I/MR</a><br>Description: IC MCU 16BIT 64KB FLASH 64QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ64GA406T-I/MR</a><br>Description: IC MCU 16BIT 64KB FLASH 64QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ64GA410T-I/PT</a><br>Description: IC MCU 16BIT 64KB FLASH 100TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ64GA310T-I/BG</a><br>Description: IC MCU 16BIT 64KB FLASH 121TFBGA | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC24FJ64GA702T-I/SO</a><br>Description: IC MCU 16-BIT 64KB FLASH 28SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ64GA406-I/PT</a><br>Description: IC MCU 16BIT 64KB FLASH 64TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

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|---------------------------------------------------|---------------------------------------------------|------------------------------------------|----------------------------------------|
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