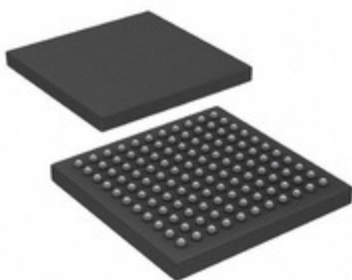


PIC24FJ256DA210-I/BG





Part Number: [PIC24FJ256DA210-I/BG](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 256KB FLASH 121BGA

Data sheet:  [PIC24FJ256DA210 Family](#)  
 [16-bit Embedded Control Solutions](#)  
 [PIC24FJ256DA210 Family Errata](#)

RoHs Status: Lead free / RoHS Compliant

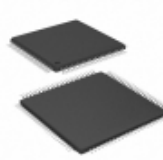
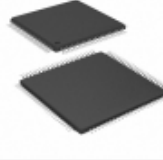
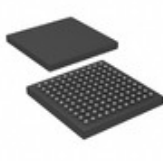
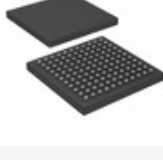
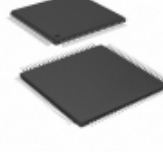
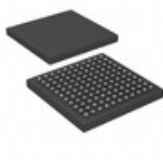
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                 |                                  |                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PIC24FJ256DA210-I/BG                            | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                                                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC MCU 16BIT 256KB FLASH 121BGA                 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 12603 pcs                                       | Data sheet                       | <a href="#">PIC24FJ256DA210 Family</a><br><a href="#">16-bit Embedded Control Solutions</a><br><a href="#">PIC24FJ256DA210 Family Errata</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a>       | Voltage - Supply (Vcc/Vdd)       | 2.2 V ~ 3.6 V                                                                                                                                |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 121-TFBGA (10x10)                               | Speed                            | 32MHz                                                                                                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PIC® 24F                                        | RAM Size                         | 96K x 8                                                                                                                                      |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | FLASH                                           | Program Memory Size              | 256KB (85.5K x 24)                                                                                                                           |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Brown-out Detect/Reset, GFX, LVD, POR, PWM, WDT | Packaging                        | Tray                                                                                                                                         |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 121-TFBGA                                       | Other Names                      | PIC24FJ256DA210IBG                                                                                                                           |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Internal                                        | Operating Temperature            | -40°C ~ 85°C (TA)                                                                                                                            |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 84                                              | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                                                |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 10 Weeks                                        | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                   |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                               | Detailed Description             | PIC PIC® 24F Microcontroller IC 16-Bit 32MHz 256KB (85.5K x 24) FLASH 121-TFBGA (10x10)                                                      |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | A/D 24x10b                                      | Core Size                        | 16-Bit                                                                                                                                       |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PIC                                             | Connectivity                     | I²C, IrDA, SPI, UART/USART, USB OTG                                                                                                          |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PIC24FJ256DA210                                 |                                  |                                                                                                                                              |
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| RELATED PRODUCTS                                                                   |                                                                                               |                                                              |                |
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|  | Part#: <a href="#">PIC24FJ256DA206T-I/MR</a><br>Description: IC MCU 16BIT 256KB FLASH 64QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ256GA106-I/PT</a><br>Description: IC MCU 16BIT 256KB FLASH 64TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ256GA108-I/PT</a><br>Description: IC MCU 16BIT 256KB FLASH 80TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ256DA206-I/PT</a><br>Description: IC MCU 16BIT 256KB FLASH 64TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ256DA206-I/MR</a><br>Description: IC MCU 16BIT 256KB FLASH 64QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ256DA106T-I/MR</a><br>Description: IC MCU 16BIT 256KB FLASH 64QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ256DA110-I/PT</a><br>Description: IC MCU 16BIT 256KB FLASH 100TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ256DA106T-I/PT</a><br>Description: IC MCU 16BIT 256KB FLASH 64TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ256GA106-E/PT</a><br>Description: IC MCU 16BIT 256KB FLASH 64TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ256DA210T-I/BG</a><br>Description: IC MCU 16BIT 256KB FLASH 121BGA  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ256DA110-I/BG</a><br>Description: IC MCU 16BIT 256KB FLASH 121BGA   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ256DA110T-I/PT</a><br>Description: IC MCU 16BIT 256KB FLASH 100TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC24FJ256DA110T-I/BG</a><br>Description: IC MCU 16BIT 256KB FLASH 121BGA  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ256GA106-I/MR</a><br>Description: IC MCU 16BIT 256KB FLASH 64QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC24FJ256GA106T-I/PT</a><br>Description: IC MCU 16BIT 256KB FLASH 64TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ256DA206T-I/PT</a><br>Description: IC MCU 16BIT 256KB FLASH 64TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ256GA108-E/PT</a><br>Description: IC MCU 16BIT 256KB FLASH 80TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

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