

PIC24FJ192GA108T-I/PT



Part Number: [PIC24FJ192GA108T-I/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 192KB FLASH 80TQFP

Data sheet:  [PIC24FJzzzG\(A,B\)1 Programming Spec](#)  
 [16-bit Embedded Control Solutions](#)  
 [PIC24FJ256GA110 Family Rev A3 Silicon Errata](#)  
 [PIC24FJ256GA110 Family Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

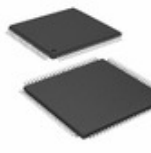
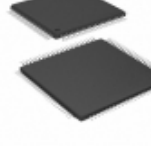
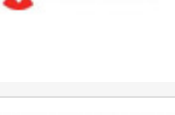
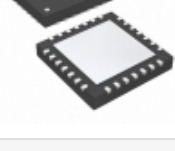
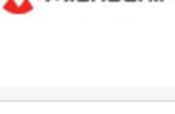
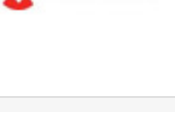
Ship From: Hong Kong

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

Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                       |                                  |                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PIC24FJ192GA108T-I/PT                                                                 | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                                                                                                                                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC MCU 16BIT 192KB FLASH 80TQFP                                                       | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 5652 pcs                                                                              | Data sheet                       | <a href="#">PIC24FJzzzG(A,B)1 Programming Spec</a><br><a href="#">16-bit Embedded Control Solutions</a><br><a href="#">PIC24FJ256GA110 Family Rev A3 Silicon</a><br><a href="#">PIC24FJ256GA110 Family Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a>                                             | Voltage - Supply (Vcc/Vdd)       | 2 V ~ 3.6 V                                                                                                                                                                                                          |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 80-TQFP (12x12)                                                                       | Speed                            | 32MHz                                                                                                                                                                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PIC® 24F                                                                              | RAM Size                         | 16K x 8                                                                                                                                                                                                              |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | FLASH                                                                                 | Program Memory Size              | 192KB (65.5K x 24)                                                                                                                                                                                                   |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Brown-out Detect/Reset, LVD, POR, PWM, WDT                                            | Packaging                        | Tape & Reel (TR)                                                                                                                                                                                                     |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 80-TQFP                                                                               | Other Names                      | PIC24FJ192GA108T-I/PTTR                                                                                                                                                                                              |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Internal                                                                              | Operating Temperature            | -40°C ~ 85°C (TA)                                                                                                                                                                                                    |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 69                                                                                    | 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 192KB (65.5K x 24) FLASH 80-TQFP (12x12) | Data Converters                  | A/D 16x10b                                                                                                                                                                                                           |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 16-Bit                                                                                | Core Processor                   | PIC                                                                                                                                                                                                                  |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | I²C, PMP, SPI, UART/USART                                                             | Base Part Number                 | PIC24FJ192GA108                                                                                                                                                                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                               |                                                              |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC24FJ192GA110T-I/PF</a><br>Description: IC MCU 16BIT 192KB FLASH 100TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ192GB108-I/PT</a><br>Description: IC MCU 16BIT 192KB FLASH 80TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ192GA110T-I/PT</a><br>Description: IC MCU 16BIT 192KB FLASH 100TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ16MC102-I/SS</a><br>Description: IC MCU 16BIT 16KB FLASH 28SSOP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FJ192GB106-I/MR</a><br>Description: IC MCU 16BIT 192KB FLASH 64QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC24FJ16MC102T-I/SS</a><br>Description: IC MCU 16BIT 16KB FLASH 28SSOP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC24FJ16MC102T-I/ML</a><br>Description: IC MCU 16BIT 16KB FLASH 28QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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| Related keywords for PIC24FJ192GA108T-I/PT          |                                                     |                                            |                                                                 |
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