

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

## PIC24FJ256GB106T-I/PT

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC24FJ256GB106T-I/PT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Product description | IC MCU 16BIT 256KB FLASH 64TQFP <div> 1.PIC24FJ256GB106T-I/PT.pdf</div> <div> 2.PIC24FJ256GB106T-I/PT.pdf</div> <div> 3.PIC24FJ256GB106T-I/PT.pdf</div> <div> 4.PIC24FJ256GB106T-I/PT.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Stock Condition     | 20232 pcs stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

REQUEST FOR QUOTATION

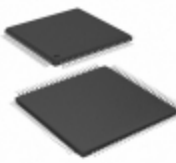
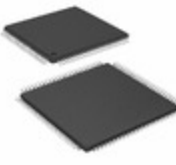
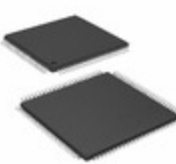
### Specifications of PIC24FJ256GB106T-I/PT

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC24FJ256GB106T-I/PT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| DESCRIPTION                      | IC MCU 16BIT 256KB FLASH 64TQFP                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| QUANTITY AVAILABLE               | 20232 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DATA SHEET                       | <div> 1.PIC24FJ256GB106T-I/PT.pdf</div> <div> 2.PIC24FJ256GB106T-I/PT.pdf</div> <div> 3.PIC24FJ256GB106T-I/PT.pdf</div> <div> 4.PIC24FJ256GB106T-I/PT.pdf</div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 64-TQFP (10x10)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| SPEED                            | 32MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| SERIES                           | PIC® 24F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| RAM SIZE                         | 16K x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| PROGRAM MEMORY SIZE              | 256KB (85.5K x 24)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PERIPHERALS                      | Brown-out Detect/Reset, LVD, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PACKAGE / CASE                   | 64-TQFP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| OTHER NAMES                      | PIC24FJ256GB106T-I/PTTR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| NUMBER OF I/O                    | 51                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 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 256KB (85.5K x 24) FLASH 64-TQFP (10x10)                                                                                                                                                                                                                                                                                                                                                                                                                       |
| DATA CONVERTERS                  | A/D 16x10b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| CONNECTIVITY                     | I²C, SPI, UART/USART, USB OTG                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| BASE PART NUMBER                 | PIC24FJ256GB106                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

### Related Tags

|                                                     |                                            |                                                              |
|-----------------------------------------------------|--------------------------------------------|--------------------------------------------------------------|
| Micrel / Microchip Technology PIC24FJ256GB106T-I/PT | PIC24FJ256GB106T-I/PT Distributor          | PIC24FJ256GB106T-I/PT Supplier                               |
| PIC24FJ256GB106T-I/PT Price                         | PIC24FJ256GB106T-I/PT Pictures             | PIC24FJ256GB106T-I/PT Image                                  |
| PIC24FJ256GB106T-I/PT PDF Datasheet                 | PIC24FJ256GB106T-I/PT Download Datasheet   | PIC24FJ256GB106T-I/PT Datasheet                              |
| PIC24FJ256GB106T-I/PT Stock                         | Buy PIC24FJ256GB106T-I/PT                  | Buy Micrel / Microchip Technology PIC24FJ256GB106T-I/PT      |
| Micrel / Microchip Technology PIC24FJ256GB106T-I/PT | Micrel / Microchip Technology Supplier     | Micrel / Microchip Technology Distributor                    |
| Micrel / Microchip Technology PIC24FJ256GB106T-I/PT | Microchip Technology PIC24FJ256GB106T-I/PT | Roving Networks / Microchip Technology PIC24FJ256GB106T-I/PT |

### Related Products

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| <div>MICROCHIP</div> <div><b>PIC24FJ256GA705-I/M4</b></div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 48UQFN</div> <div>In stock: 42352 pcs</div> <div>RFQ</div>  | <div></div> <div><b>PIC24FJ256GB110-I/PT</b></div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 100TQFP</div> <div>In stock: 17026 pcs</div> <div>RFQ</div>         |
| <div>MICROCHIP</div> <div><b>PIC24FJ256GB108T-I/PT</b></div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 80TQFP</div> <div>In stock: 15299 pcs</div> <div>RFQ</div> | <div></div> <div><b>PIC24FJ256GA705-I/PT</b></div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16-BIT 256KB FLASH 48TQFP</div> <div>In stock: 49190 pcs</div> <div>RFQ</div>         |
| <div></div> <div><b>PIC24FJ256GB110-I/PF</b></div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 100TQFP</div> <div>In stock: 13921 pcs</div> <div>RFQ</div>          | <div>MICROCHIP</div> <div><b>PIC24FJ256GB106-I/MR</b></div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 64QFN</div> <div>In stock: 17838 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>PIC24FJ256GB110T-I/PF</b></div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 100TQFP</div> <div>In stock: 13853 pcs</div> <div>RFQ</div>         | <div></div> <div><b>PIC24FJ256GA704T-I/PT</b></div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16-BIT 256KB FLASH 44TQFP</div> <div>In stock: 55647 pcs</div> <div>RFQ</div>        |
| <div>MICROCHIP</div> <div><b>PIC24FJ256GB106-I/PT</b></div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 64TQFP</div> <div>In stock: 15501 pcs</div> <div>RFQ</div>  | <div>MICROCHIP</div> <div><b>PIC24FJ256GB108-I/PT</b></div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 80TQFP</div> <div>In stock: 13657 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>PIC24FJ256GB110T-I/PT</b></div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 100TQFP</div> <div>In stock: 18777 pcs</div> <div>RFQ</div>         | <div></div> <div><b>PIC24FJ256GA705T-I/PT</b></div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16-BIT 256KB FLASH 48TQFP</div> <div>In stock: 50345 pcs</div> <div>RFQ</div>        |