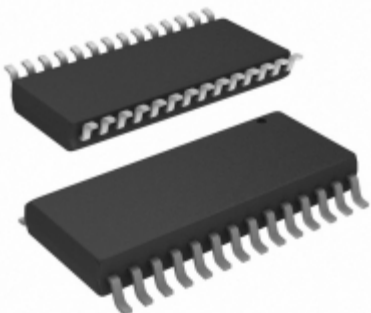


PIC32MX170F256B-50I/SO





Part Number: [PIC32MX170F256B-50I/SO](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 256KB FLASH 28SOIC

Data sheet:  [PIC32MX1xx/2xx](#)

RoHs Status: Lead free / RoHS Compliant

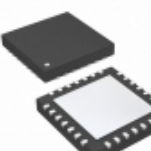
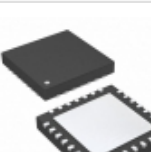
Ship From: Hong Kong

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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                       |                                 |                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PIC32MX170F256B-50I/SO                                                                | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | IC MCU 32BIT 256KB FLASH 28SOIC                                                       | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 29715 pcs                                                                             | Data sheet                      | <a href="#">PIC32MX1xx/2xx</a>                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Integrated Circuits (ICs)</a>                                             | Voltage - Supply (Vcc/Vdd)      | 2.3 V ~ 3.6 V                                 |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 28-SOIC                                                                               | Speed                           | 50MHz                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | PIC® 32MX                                                                             | RAM Size                        | 64K x 8                                       |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | FLASH                                                                                 | Program Memory Size             | 256KB (256K x 8)                              |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                       | Packaging                       | Tube                                          |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 28-SOIC (0.295", 7.50mm Width)                                                        | Oscillator Type                 | Internal                                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -40°C ~ 85°C (TA)                                                                     | Number of I/O                   | 21                                            |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3 (168 Hours)                                                                         | Manufacturer Standard Lead Time | 5 Weeks                                       |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Lead free / RoHS Compliant                                                            | EEPROM Size                     | -                                             |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | MIPS32® M4K™ PIC® 32MX Microcontroller IC 32-Bit 50MHz 256KB (256K x 8) FLASH 28-SOIC | Data Converters                 | A/D 10x10b                                    |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 32-Bit                                                                                | Core Processor                  | MIPS32® M4K™                                  |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | PC, IrDA, LINbus, SPI, UART/USART                                                     | Base Part Number                | PIC32MX170F256                                |
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| RELATED PRODUCTS                                                                   |                                               |                                                              |     |
|------------------------------------------------------------------------------------|-----------------------------------------------|--------------------------------------------------------------|-----|
|  | Part#: <a href="#">PIC32MX154F128D-V/PT</a>   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|                                                                                    | Description: IC MCU 32BIT 128KB FLASH         |                                                              |     |
|  | Part#: <a href="#">PIC32MX170F256B-50I/SP</a> | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|                                                                                    | Description: IC MCU 32BIT 256KB FLASH 28SDIP  |                                                              |     |
|  | Part#: <a href="#">PIC32MX154F128DT-I/PT</a>  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|                                                                                    | Description: IC MCU 32BIT 128KB FLASH         |                                                              |     |
|  | Part#: <a href="#">PIC32MX170F256B-V/SP</a>   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|                                                                                    | Description: IC MCU 32BIT 256KB FLASH 28SDIP  |                                                              |     |
|  | Part#: <a href="#">PIC32MX154F128D-I/PT</a>   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|                                                                                    | Description: IC MCU 32BIT 128KB FLASH         |                                                              |     |
|  | Part#: <a href="#">PIC32MX170F256B-I/SO</a>   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|                                                                                    | Description: IC MCU 32BIT 256KB FLASH 28SOIC  |                                                              |     |
|  | Part#: <a href="#">PIC32MX154F128D-I/ML</a>   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|                                                                                    | Description: IC MCU 32BIT 128KB FLASH         |                                                              |     |
|  | Part#: <a href="#">PIC32MX170F256B-V/ML</a>   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|                                                                                    | Description: IC MCU 32BIT 256KB FLASH 28QFN   |                                                              |     |
|  | Part#: <a href="#">PIC32MX154F128DT-I/ML</a>  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|                                                                                    | Description: IC MCU 32BIT 128KB FLASH         |                                                              |     |
|  | Part#: <a href="#">PIC32MX170F256B-50I/SS</a> | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|                                                                                    | Description: IC MCU 32BIT 256KB FLASH 28SSOP  |                                                              |     |
|  | Part#: <a href="#">PIC32MX170F256B-50I/ML</a> | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|                                                                                    | Description: IC MCU 32BIT 256KB FLASH 28QFN   |                                                              |     |
|  | Part#: <a href="#">PIC32MX170F256B-I/SP</a>   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|                                                                                    | Description: IC MCU 32BIT 256KB FLASH 28SDIP  |                                                              |     |
|  | Part#: <a href="#">PIC32MX154F128D-V/ML</a>   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|                                                                                    | Description: IC MCU 32BIT 128KB FLASH         |                                                              |     |
|  | Part#: <a href="#">PIC32MX154F128DT-V/PT</a>  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|                                                                                    | Description: IC MCU 32BIT 128KB FLASH         |                                                              |     |
|  | Part#: <a href="#">PIC32MX154F128BT-V/SO</a>  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|                                                                                    | Description: IC MCU 32BIT 128KB FLASH         |                                                              |     |
|  | Part#: <a href="#">PIC32MX170F256B-V/SO</a>   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|                                                                                    | Description: IC MCU 32BIT 256KB FLASH 28SOIC  |                                                              |     |
|  | Part#: <a href="#">PIC32MX154F128DT-V/ML</a>  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|                                                                                    | Description: IC MCU 32BIT 128KB FLASH         |                                                              |     |
|  | Part#: <a href="#">PIC32MX170F256B-I/SS</a>   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|                                                                                    | Description: IC MCU 32BIT 256KB FLASH 28SSOP  |                                                              |     |
|  | Part#: <a href="#">PIC32MX170F256B-V/SS</a>   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|                                                                                    | Description: IC MCU 32BIT 256KB FLASH 28SSOP  |                                                              |     |
|  | Part#: <a href="#">PIC32MX170F256B-I/ML</a>   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|                                                                                    | Description: IC MCU 32BIT 256KB FLASH 28QFN   |                                                              |     |

| Related keywords for PIC32MX170F256B-50I/SO          |                                                      |                                             |                                        |
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