

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC32MX170F256BT-50I/SO

|                     |                                                                                                                               |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC32MX170F256BT-50I/SO                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                 |
| Product description | IC MCU 32BIT 256KB FLASH 28SOIC                                                                                               |
| Datasheets:         |  <a href="#">PIC32MX170F256BT-50I/SO.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant                  |
| Ship From           | Hong Kong                                                                                                                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                         |

REQUEST FOR QUOTATION

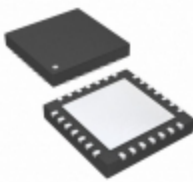
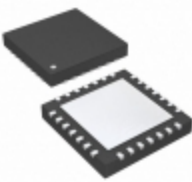
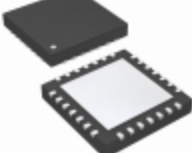
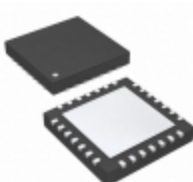
Specifications of PIC32MX170F256BT-50I/SO

|                                  |                                                                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MX170F256BT-50I/SO                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                   |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 28SOIC                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                      |
| DATA SHEET                       |  <a href="#">PIC32MX170F256BT-50I/SO.pdf</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                        | Tape & Reel (TR)                                                                                                                |
| 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                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                                              |
| BASE PART NUMBER                 | PIC32MX170F256                                                                                                                  |

Related Tags

|                                                       |                                              |                                                                |
|-------------------------------------------------------|----------------------------------------------|----------------------------------------------------------------|
| Micrel / Microchip Technology PIC32MX170F256BT-50I/SO | PIC32MX170F256BT-50I/SO Distributor          | PIC32MX170F256BT-50I/SO Supplier                               |
| PIC32MX170F256BT-50I/SO Price                         | PIC32MX170F256BT-50I/SO Pictures             | PIC32MX170F256BT-50I/SO Image                                  |
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Related Products

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|  <div><b>PIC32MX170F256BT-V/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 28QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>PIC32MX170F256BT-50I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 28QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>PIC32MX170F256B-V/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 28SDIP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>PIC32MX170F256B-V/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 28QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
|  <div><b>PIC32MX170F256B-V/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 28SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>PIC32MX170F256B-V/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 28SSOP<br/>In stock: 5 pcs<br/><div>RFQ</div></div>        |
|  <div><b>PIC32MX170F256BT-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 28SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>PIC32MX170F256B-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 28SSOP<br/>In stock: 934 pcs<br/><div>RFQ</div></div>      |
|  <div><b>PIC32MX170F256BT-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 28QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>PIC32MX170F256BT-50I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 28SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
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