



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC32MX170F256BT-V/SO

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

REQUEST FOR QUOTATION

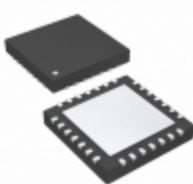
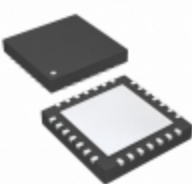
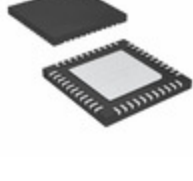
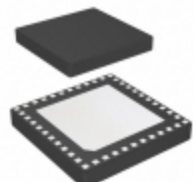
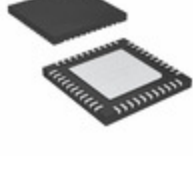
Specifications of PIC32MX170F256BT-V/SO

|                                  |                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MX170F256BT-V/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-V/SO.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 3.6 V                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 28-SOIC                                                                                                                       |
| SPEED                            | 40MHz                                                                                                                         |
| SERIES                           | Automotive, AEC-Q100, 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 ~ 105°C (TA)                                                                                                            |
| NUMBER OF I/O                    | 21                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                 |
| MANUFACTURER STANDARD LEAD TIME  | 6 Weeks                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                    |
| EEPROM SIZE                      | -                                                                                                                             |
| DETAILED DESCRIPTION             | MIPS32® M4K™ Automotive, AEC-Q100, PIC® 32MX Microcontroller IC 32-Bit 40MHz 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-V/SO | PIC32MX170F256BT-V/SO Distributor          | PIC32MX170F256BT-V/SO Supplier                               |
| PIC32MX170F256BT-V/SO Price                         | PIC32MX170F256BT-V/SO Pictures             | PIC32MX170F256BT-V/SO Image                                  |
| PIC32MX170F256BT-V/SO PDF Datasheet                 | PIC32MX170F256BT-V/SO Download Datasheet   | PIC32MX170F256BT-V/SO Datasheet                              |
| PIC32MX170F256BT-V/SO Stock                         | Buy PIC32MX170F256BT-V/SO                  | Buy Micrel / Microchip Technology PIC32MX170F256BT-V/SO      |
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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-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>PIC32MX170F256D-50I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 44TQFP<br/>In stock: 91 pcs<br/><div>RFQ</div></div>   |  <div><b>PIC32MX170F256BT-V/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>PIC32MX170F256D-50I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 44QFN<br/>In stock: 84 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>PIC32MX170F256D-50I/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 44VTLA<br/>In stock: 269 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC32MX170F256BT-50I/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>PIC32MX170F256BT-I/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>PIC32MX170F256D-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 44TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
|  <div><b>PIC32MX170F256D-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 44QFN<br/>In stock: 475 pcs<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> |