



PIC32MX270F256BT-50I/ML

|                     |                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC32MX270F256BT-50I/ML                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                   |
| Product description | IC MCU 32BIT 256KB FLASH 28QFN                                                                                  |
|                     |  1.PIC32MX270F256BT-50I/ML.pdf |
|                     |  2.PIC32MX270F256BT-50I/ML.pdf |
| Datasheets:         |                                                                                                                 |
| RoHs Status         |  Lead free / RoHS Compliant    |
| Stock Condition     | 23104 pcs stock                                                                                                 |
| Ship From           | Hong Kong                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                           |

REQUEST FOR QUOTATION

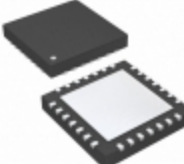
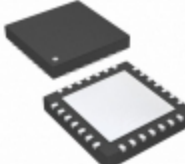
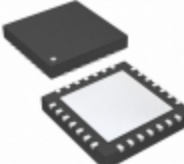
Specifications of PIC32MX270F256BT-50I/ML

|                                  |                                                                                                                                                                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MX270F256BT-50I/ML                                                                                                                                                                                                                |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                          |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 28QFN                                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                             |
| QUANTITY AVAILABLE               | 23104 pcs                                                                                                                                                                                                                              |
| DATA SHEET                       |  1.PIC32MX270F256BT-50I/ML.pdf<br> 2.PIC32MX270F256BT-50I/ML.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 3.6 V                                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 28-QFN (6x6)                                                                                                                                                                                                                           |
| 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-VQFN Exposed Pad                                                                                                                                                                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                      |
| NUMBER OF I/O                    | 19                                                                                                                                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                          |
| 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-QFN (6x6)                                                                                                                                             |
| DATA CONVERTERS                  | A/D 9x10b                                                                                                                                                                                                                              |
| CORE SIZE                        | 32-Bit                                                                                                                                                                                                                                 |
| CORE PROCESSOR                   | MIPS32® M4K™                                                                                                                                                                                                                           |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART, USB OTG                                                                                                                                                                                            |
| BASE PART NUMBER                 | PIC32MX270F256                                                                                                                                                                                                                         |

Related Tags

|                                                       |                                              |                                                                |
|-------------------------------------------------------|----------------------------------------------|----------------------------------------------------------------|
| Micrel / Microchip Technology PIC32MX270F256BT-50I/ML | PIC32MX270F256BT-50I/ML Distributor          | PIC32MX270F256BT-50I/ML Supplier                               |
| PIC32MX270F256BT-50I/ML Price                         | PIC32MX270F256BT-50I/ML Pictures             | PIC32MX270F256BT-50I/ML Image                                  |
| PIC32MX270F256BT-50I/ML PDF Datasheet                 | PIC32MX270F256BT-50I/ML Download Datasheet   | PIC32MX270F256BT-50I/ML Datasheet                              |
| PIC32MX270F256BT-50I/ML Stock                         | Buy PIC32MX270F256BT-50I/ML                  | Buy Micrel / Microchip Technology PIC32MX270F256BT-50I/ML      |
| Micrel / Microchip Technology PIC32MX270F256BT-50I/ML | Micrel / Microchip Technology Supplier       | Micrel / Microchip Technology Distributor                      |
| Micrel / Microchip Technology PIC32MX270F256BT-50I/ML | Microchip Technology PIC32MX270F256BT-50I/ML | Roving Networks / Microchip Technology PIC32MX270F256BT-50I/ML |

Related Products

|                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                 |
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|  <div><b>PIC32MX270F256BT-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 28SSOP<br/>In stock: 26851 pcs<br/>RFQ</div>          |  MICROCHIP <div><b>PIC32MX270F256B-I/SP</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 28SDIP<br/>In stock: 22789 pcs<br/>RFQ</div>   |
|  <div><b>PIC32MX270F256B-V/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 28SOIC<br/>In stock: 23962 pcs<br/>RFQ</div>           |  <div><b>PIC32MX270F256B-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 28SSOP<br/>In stock: 21378 pcs<br/>RFQ</div>    |
|  MICROCHIP <div><b>PIC32MX270F256B-V/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 28SDIP<br/>In stock: 28714 pcs<br/>RFQ</div> |  <div><b>PIC32MX270F256B-V/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 28QFN<br/>In stock: 22643 pcs<br/>RFQ</div>     |
|  <div><b>PIC32MX270F256B-V/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 28SSOP<br/>In stock: 24905 pcs<br/>RFQ</div>           |  <div><b>PIC32MX270F256BT-50I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 28SOIC<br/>In stock: 30059 pcs<br/>RFQ</div> |
|  <div><b>PIC32MX270F256BT-V/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 28QFN<br/>In stock: 25266 pcs<br/>RFQ</div>           |  <div><b>PIC32MX270F256BT-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 28QFN<br/>In stock: 31363 pcs<br/>RFQ</div>    |
|  <div><b>PIC32MX270F256BT-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 28SOIC<br/>In stock: 26115 pcs<br/>RFQ</div>          |  <div><b>PIC32MX270F256BT-50I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 28SSOP<br/>In stock: 28865 pcs<br/>RFQ</div> |