

MICROCHIP

Micrel / Microchip Technology

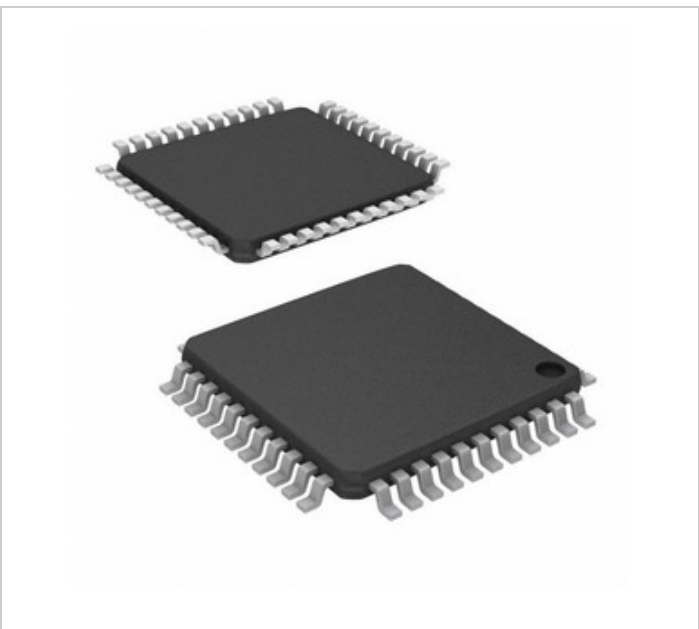


Image may be representation. See specifications for product details.

PIC32MX170F256D-V/PT

|                     |                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC32MX170F256D-V/PT                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                              |
| Product description | IC MCU 32BIT 256KB FLASH 44TQFP                                                                                            |
| Datasheets:         |  <a href="#">PIC32MX170F256D-V/PT.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant               |
| Stock Condition     | 21673 pcs stock                                                                                                            |
| Ship From           | Hong Kong                                                                                                                  |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                      |

REQUEST FOR QUOTATION

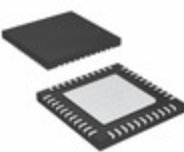
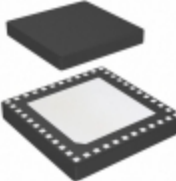
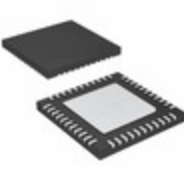
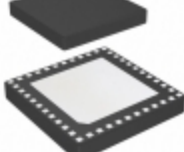
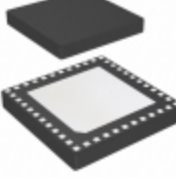
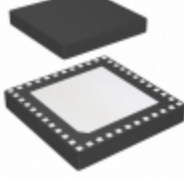
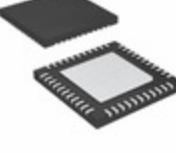
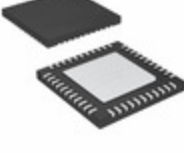
Specifications of PIC32MX170F256D-V/PT

|                                  |                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MX170F256D-V/PT                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 44TQFP                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                   |
| QUANTITY AVAILABLE               | 21673 pcs                                                                                                                    |
| DATA SHEET                       |  <a href="#">PIC32MX170F256D-V/PT.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 3.6 V                                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 44-TQFP (10x10)                                                                                                              |
| 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                        | Tray                                                                                                                         |
| PACKAGE / CASE                   | 44-TQFP                                                                                                                      |
| OSCILLATOR TYPE                  | Internal                                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                           |
| NUMBER OF I/O                    | 35                                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                |
| 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 44-TQFP (10x10)          |
| DATA CONVERTERS                  | A/D 13x10b                                                                                                                   |
| CORE SIZE                        | 32-Bit                                                                                                                       |
| CORE PROCESSOR                   | MIPS32® M4K™                                                                                                                 |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                                           |
| BASE PART NUMBER                 | PIC32MX170F256D                                                                                                              |

Related Tags

|                                                    |                                           |                                                             |
|----------------------------------------------------|-------------------------------------------|-------------------------------------------------------------|
| Micrel / Microchip Technology PIC32MX170F256D-V/PT | PIC32MX170F256D-V/PT Distributor          | PIC32MX170F256D-V/PT Supplier                               |
| PIC32MX170F256D-V/PT Price                         | PIC32MX170F256D-V/PT Pictures             | PIC32MX170F256D-V/PT Image                                  |
| PIC32MX170F256D-V/PT PDF Datasheet                 | PIC32MX170F256D-V/PT Download Datasheet   | PIC32MX170F256D-V/PT Datasheet                              |
| PIC32MX170F256D-V/PT Stock                         | Buy PIC32MX170F256D-V/PT                  | Buy Micrel / Microchip Technology PIC32MX170F256D-V/PT      |
| Micrel / Microchip Technology PIC32MX170F256D-V/PT | Micrel / Microchip Technology Supplier    | Micrel / Microchip Technology Distributor                   |
| Micrel / Microchip Technology PIC32MX170F256D-V/PT | Microchip Technology PIC32MX170F256D-V/PT | Roving Networks / Microchip Technology PIC32MX170F256D-V/PT |

Related Products

|                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>PIC32MX170F256D-50I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 44TQFP<br/>In stock: 22177 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC32MX170F256DT-50I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 44QFN<br/>In stock: 28180 pcs<br/><div>RFQ</div></div> |
|  <div><b>PIC32MX170F256D-I/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 44VTLA<br/>In stock: 20363 pcs<br/><div>RFQ</div></div>    |  <div><b>PIC32MX170F256DT-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 44QFN<br/>In stock: 28161 pcs<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: 21193 pcs<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: 22745 pcs<br/><div>RFQ</div></div> |
|  <div><b>PIC32MX170F256DT-50I/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 44VTLA<br/>In stock: 29342 pcs<br/><div>RFQ</div></div> |  <div><b>PIC32MX170F256D-V/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 44VTLA<br/>In stock: 21077 pcs<br/><div>RFQ</div></div>   |
|  <div><b>PIC32MX170F256D-V/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 44QFN<br/>In stock: 23742 pcs<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: 26713 pcs<br/><div>RFQ</div></div>    |
|  <div><b>PIC32MX170F256DT-50I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 44TQFP<br/>In stock: 25519 pcs<br/><div>RFQ</div></div> |  <div><b>PIC32MX170F256DT-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 44TQFP<br/>In stock: 28858 pcs<br/><div>RFQ</div></div>  |