



PIC32MX170F512L-V/PT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC32MX170F512L-V/PT                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 512KB FLASH 100TQFP                                                                             |
|                     |  1.PIC32MX170F512L-V/PT.pdf |
|                     |  2.PIC32MX170F512L-V/PT.pdf |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

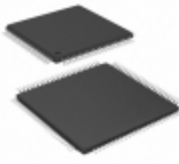
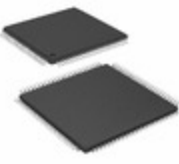
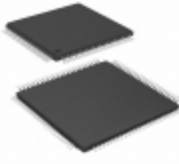
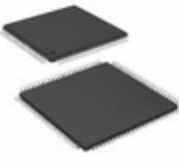
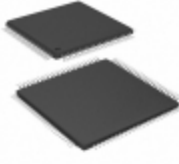
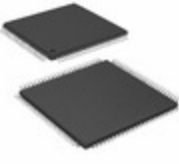
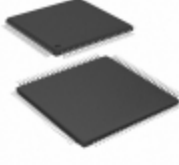
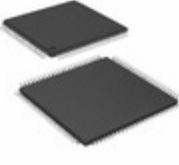
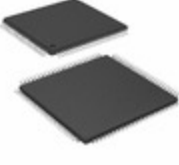
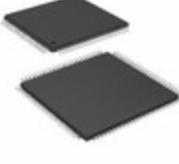
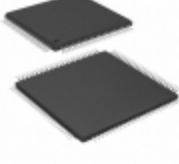
Specifications of PIC32MX170F512L-V/PT

|                                  |                                                                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MX170F512L-V/PT                                                                                                                                                                                                             |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                    |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 100TQFP                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                       |
| DATA SHEET                       |  1.PIC32MX170F512L-V/PT.pdf<br> 2.PIC32MX170F512L-V/PT.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 3.6 V                                                                                                                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 100-TQFP (12x12)                                                                                                                                                                                                                 |
| SPEED                            | 40MHz                                                                                                                                                                                                                            |
| SERIES                           | Automotive, AEC-Q100, PIC® 32MX                                                                                                                                                                                                  |
| RAM SIZE                         | 64K x 8                                                                                                                                                                                                                          |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                            |
| PROGRAM MEMORY SIZE              | 512KB (512K x 8)                                                                                                                                                                                                                 |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                                                                                                                                                                  |
| PACKAGING                        | Tray                                                                                                                                                                                                                             |
| PACKAGE / CASE                   | 100-TQFP                                                                                                                                                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                                                                                                                               |
| NUMBER OF I/O                    | 85                                                                                                                                                                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                    |
| MANUFACTURER STANDARD LEAD TIME  | 9 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 512KB (512K x 8) FLASH 100-TQFP (12x12)                                                                                                             |
| DATA CONVERTERS                  | A/D 48x10b                                                                                                                                                                                                                       |
| CORE SIZE                        | 32-Bit                                                                                                                                                                                                                           |
| CORE PROCESSOR                   | MIPS32® M4K™                                                                                                                                                                                                                     |
| CONNECTIVITY                     | I²C, IrDA, LINbus, PMP, SPI, UART/USART                                                                                                                                                                                          |
| BASE PART NUMBER                 | PIC32MX170F512                                                                                                                                                                                                                   |

Related Tags

|                                                    |                                           |                                                             |
|----------------------------------------------------|-------------------------------------------|-------------------------------------------------------------|
| Micrel / Microchip Technology PIC32MX170F512L-V/PT | PIC32MX170F512L-V/PT Distributor          | PIC32MX170F512L-V/PT Supplier                               |
| PIC32MX170F512L-V/PT Price                         | PIC32MX170F512L-V/PT Pictures             | PIC32MX170F512L-V/PT Image                                  |
| PIC32MX170F512L-V/PT PDF Datasheet                 | PIC32MX170F512L-V/PT Download Datasheet   | PIC32MX170F512L-V/PT Datasheet                              |
| PIC32MX170F512L-V/PT Stock                         | Buy PIC32MX170F512L-V/PT                  | Buy Micrel / Microchip Technology PIC32MX170F512L-V/PT      |
| Micrel / Microchip Technology PIC32MX170F512L-V/PT | Micrel / Microchip Technology Supplier    | Micrel / Microchip Technology Distributor                   |
| Micrel / Microchip Technology PIC32MX170F512L-V/PT | Microchip Technology PIC32MX170F512L-V/PT | Roving Networks / Microchip Technology PIC32MX170F512L-V/PT |

Related Products

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|  <div><b>PIC32MX170F512LT-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>PIC32MX170F512LT-V/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>PIC32MX170F512L-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |  <div><b>PIC32MX170F512L-50I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>PIC32MX170F512LT-V/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>PIC32MX170F512LT-I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>PIC32MX170F512LT-50I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>PIC32MX170F512LT-50I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>PIC32MX170F512HT-V/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |  <div><b>PIC32MX170F512L-V/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
|  <div><b>PIC32MX170F512L-I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |  <div><b>PIC32MX170F512L-50I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: 222 pcs<br/><div>RFQ</div></div>    |