

MICROCHIP

Micrel / Microchip Technology



PIC32MX470F512H-120/MR

Part Number: PIC32MX470F512H-120/MR

Manufacturer/Brand: Micrel / Microchip Technology

Product description: IC MCU 32BIT 512KB FLASH 64QFN

PDF

1.PIC32MX470F512H-120/MR.pdf

PDF

2.PIC32MX470F512H-120/MR.pdf

PDF

3.PIC32MX470F512H-120/MR.pdf

RoHS

Lead free / RoHS Compliant

12326 pcs stock

Hong Kong

DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

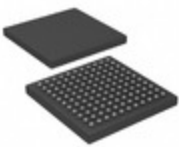
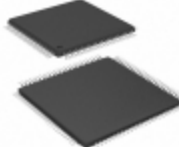
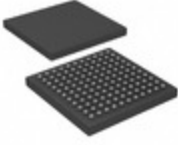
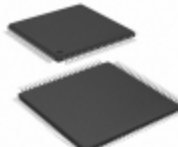
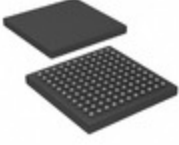
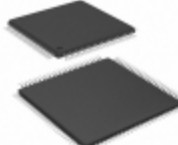
Specifications of PIC32MX470F512H-120/MR

|                                  |                                                                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MX470F512H-120/MR                                                                                                                                            |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                     |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 64QFN                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                        |
| QUANTITY AVAILABLE               | 12326 pcs                                                                                                                                                         |
| DATA SHEET                       | <div><div>PDF</div>1.PIC32MX470F512H-120/MR.pdf</div> <div><div>PDF</div>2.PIC32MX470F512H-120/MR.pdf</div> <div><div>PDF</div>3.PIC32MX470F512H-120/MR.pdf</div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 3.6 V                                                                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 64-QFN (9x9)                                                                                                                                                      |
| SPEED                            | 120MHz                                                                                                                                                            |
| SERIES                           | PIC® 32MX                                                                                                                                                         |
| RAM SIZE                         | 128K x 8                                                                                                                                                          |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                             |
| PROGRAM MEMORY SIZE              | 512KB (512K x 8)                                                                                                                                                  |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                                                                                        |
| PACKAGING                        | Tube                                                                                                                                                              |
| PACKAGE / CASE                   | 64-VFQFN Exposed Pad                                                                                                                                              |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                          |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TA)                                                                                                                                                   |
| NUMBER OF I/O                    | 49                                                                                                                                                                |
| 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 120MHz 512KB (512K x 8) FLASH 64-QFN (9x9)                                                                       |
| DATA CONVERTERS                  | A/D 28x10b                                                                                                                                                        |
| CORE SIZE                        | 32-Bit                                                                                                                                                            |
| CORE PROCESSOR                   | MIPS32® M4K™                                                                                                                                                      |
| CONNECTIVITY                     | I²C, IrDA, LINbus, PMP, SPI, UART/USART, USB OTG                                                                                                                  |
| BASE PART NUMBER                 | PIC32MX470F512                                                                                                                                                    |

Related Tags

|                                                      |                                             |                                                               |
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| Micrel / Microchip Technology PIC32MX470F512H-120/MR | PIC32MX470F512H-120/MR Distributor          | PIC32MX470F512H-120/MR Supplier                               |
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| PIC32MX470F512H-120/MR PDF Datasheet                 | PIC32MX470F512H-120/MR Download Datasheet   | PIC32MX470F512H-120/MR Datasheet                              |
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Related Products

|                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>MICROCHIP</div> <div>PIC32MX470F512H-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 512KB FLASH 64TQFP</div> <div>In stock: 13955 pcs</div> <div>RFQ</div>   | <div></div> <div>PIC32MX460F512L-80V/BG</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 512KB FLASH 121BGA</div> <div>In stock: 17982 pcs</div> <div>RFQ</div>          |
| <div>MICROCHIP</div> <div>PIC32MX470F512H-V/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 512KB FLASH 64TQFP</div> <div>In stock: 19696 pcs</div> <div>RFQ</div>   | <div></div> <div>PIC32MX460F512LT-80V/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 512KB FLASH 100TQFP</div> <div>In stock: 15458 pcs</div> <div>RFQ</div>        |
| <div>MICROCHIP</div> <div>PIC32MX470F512HT-120/MR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 512KB FLASH 64QFN</div> <div>In stock: 17249 pcs</div> <div>RFQ</div> | <div>MICROCHIP</div> <div>PIC32MX470F512H-120/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 512KB FLASH 64TQFP</div> <div>In stock: 14449 pcs</div> <div>RFQ</div> |
| <div></div> <div>PIC32MX460F512LT-80I/BG</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 512KB FLASH 121BGA</div> <div>In stock: 18277 pcs</div> <div>RFQ</div>         | <div>MICROCHIP</div> <div>PIC32MX470F512H-V/MR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 512KB FLASH 64QFN</div> <div>In stock: 18484 pcs</div> <div>RFQ</div>    |
| <div></div> <div>PIC32MX460F512LT-80I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 512KB FLASH 100TQFP</div> <div>In stock: 16534 pcs</div> <div>RFQ</div>        | <div></div> <div>PIC32MX460F512LT-80V/BG</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 512KB FLASH 121BGA</div> <div>In stock: 17490 pcs</div> <div>RFQ</div>         |
| <div></div> <div>PIC32MX460F512L-80V/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 512KB FLASH 100TQFP</div> <div>In stock: 12521 pcs</div> <div>RFQ</div>         | <div>MICROCHIP</div> <div>PIC32MX470F512H-I/MR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 512KB FLASH 64QFN</div> <div>In stock: 14903 pcs</div> <div>RFQ</div>    |