



PIC32MX120F032B-V/ML

|                     |                                                                                                                                                                                         |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC32MX120F032B-V/ML                                                                                                                                                                    |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                           |
| Product description | IC MCU 32BIT 32KB FLASH 28QFN <div><div>PDF</div>1.PIC32MX120F032B-V/ML.pdf<div><div>PDF</div>2.PIC32MX120F032B-V/ML.pdf<div><div>PDF</div>3.PIC32MX120F032B-V/ML.pdf</div></div></div> |
| Datasheets:         |                                                                                                                                                                                         |
| RoHs Status         | <div><div>RoHS</div>Lead free / RoHS Compliant</div>                                                                                                                                    |
| Stock Condition     | 41965 pcs stock                                                                                                                                                                         |
| Ship From           | Hong Kong                                                                                                                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                   |

REQUEST FOR QUOTATION

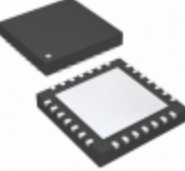
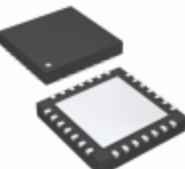
Specifications of PIC32MX120F032B-V/ML

|                                  |                                                                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MX120F032B-V/ML                                                                                                                                      |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                             |
| DESCRIPTION                      | IC MCU 32BIT 32KB FLASH 28QFN                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                |
| QUANTITY AVAILABLE               | 41965 pcs                                                                                                                                                 |
| DATA SHEET                       | <div><div>PDF</div>1.PIC32MX120F032B-V/ML.pdf<div><div>PDF</div>2.PIC32MX120F032B-V/ML.pdf<div><div>PDF</div>3.PIC32MX120F032B-V/ML.pdf</div></div></div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 3.6 V                                                                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 28-QFN (6x6)                                                                                                                                              |
| SPEED                            | 40MHz                                                                                                                                                     |
| SERIES                           | Automotive, AEC-Q100, PIC® 32MX                                                                                                                           |
| RAM SIZE                         | 8K x 8                                                                                                                                                    |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                     |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                                                                            |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                                                                                           |
| PACKAGING                        | Tube                                                                                                                                                      |
| PACKAGE / CASE                   | 28-VQFN Exposed Pad                                                                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                                                        |
| NUMBER OF I/O                    | 21                                                                                                                                                        |
| 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 32KB (32K x 8) FLASH 28-QFN (6x6)                                            |
| DATA CONVERTERS                  | A/D 10x10b                                                                                                                                                |
| CORE SIZE                        | 32-Bit                                                                                                                                                    |
| CORE PROCESSOR                   | MIPS32® M4K™                                                                                                                                              |
| CONNECTIVITY                     | I²C, IrDA, LINbus, PMP, SPI, UART/USART                                                                                                                   |
| BASE PART NUMBER                 | PIC32MX120F032                                                                                                                                            |

Related Tags

|                                                    |                                           |                                                             |
|----------------------------------------------------|-------------------------------------------|-------------------------------------------------------------|
| Micrel / Microchip Technology PIC32MX120F032B-V/ML | PIC32MX120F032B-V/ML Distributor          | PIC32MX120F032B-V/ML Supplier                               |
| PIC32MX120F032B-V/ML Price                         | PIC32MX120F032B-V/ML Pictures             | PIC32MX120F032B-V/ML Image                                  |
| PIC32MX120F032B-V/ML PDF Datasheet                 | PIC32MX120F032B-V/ML Download Datasheet   | PIC32MX120F032B-V/ML Datasheet                              |
| PIC32MX120F032B-V/ML Stock                         | Buy PIC32MX120F032B-V/ML                  | Buy Micrel / Microchip Technology PIC32MX120F032B-V/ML      |
| Micrel / Microchip Technology PIC32MX120F032B-V/ML | Micrel / Microchip Technology Supplier    | Micrel / Microchip Technology Distributor                   |
| Micrel / Microchip Technology PIC32MX120F032B-V/ML | Microchip Technology PIC32MX120F032B-V/ML | Roving Networks / Microchip Technology PIC32MX120F032B-V/ML |

Related Products

|                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                        |
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| <div><div></div><div><b>PIC32MX120F032BT-50I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 28SOIC<br/>In stock: 41984 pcs<br/><div>RFQ</div></div></div>       | <div><div></div><div><b>PIC32MX120F032BT-50I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 28SSOP<br/>In stock: 44350 pcs<br/><div>RFQ</div></div></div>         |
| <div><div></div><div><b>PIC32MX120F032B-50I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 28SSOP<br/>In stock: 46728 pcs<br/><div>RFQ</div></div></div>        | <div><div>MICROCHIP</div><div><b>PIC32MX120F032B-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 28SDIP<br/>In stock: 37546 pcs<br/><div>RFQ</div></div></div>   |
| <div><div></div><div><b>PIC32MX120F032B-V/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 28SSOP<br/>In stock: 52126 pcs<br/><div>RFQ</div></div></div>          | <div><div></div><div><b>PIC32MX120F032B-V/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 28SOIC<br/>In stock: 46143 pcs<br/><div>RFQ</div></div></div>            |
| <div><div>MICROCHIP</div><div><b>PIC32MX120F032B-V/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 28SDIP<br/>In stock: 46908 pcs<br/><div>RFQ</div></div></div> | <div><div></div><div><b>PIC32MX120F032BT-50I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 28QFN<br/>In stock: 48933 pcs<br/><div>RFQ</div></div></div>          |
| <div><div></div><div><b>PIC32MX120F032B-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 28QFN<br/>In stock: 41003 pcs<br/><div>RFQ</div></div></div>           | <div><div></div><div><b>PIC32MX120F032B-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 28SOIC<br/>In stock: 38145 pcs<br/><div>RFQ</div></div></div>            |
| <div><div></div><div><b>PIC32MX120F032B-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 28SSOP<br/>In stock: 38502 pcs<br/><div>RFQ</div></div></div>          | <div><div>MICROCHIP</div><div><b>PIC32MX120F032B-50I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 28SDIP<br/>In stock: 44772 pcs<br/><div>RFQ</div></div></div> |