



PIC32MX120F032D-V/TL

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC32MX120F032D-V/TL                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 32KB FLASH 44VTLA                                                                               |
| Datasheets:         |  1.PIC32MX120F032D-V/TL.pdf |
|                     |  2.PIC32MX120F032D-V/TL.pdf |
|                     |  3.PIC32MX120F032D-V/TL.pdf |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 34604 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

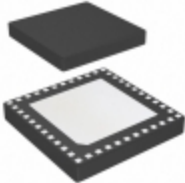
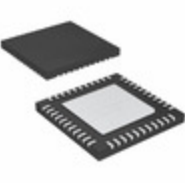
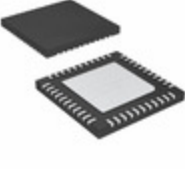
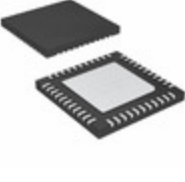
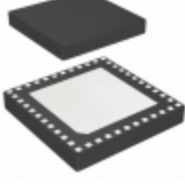
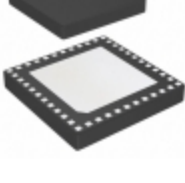
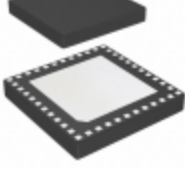
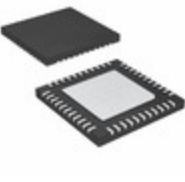
Specifications of PIC32MX120F032D-V/TL

|                                  |                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MX120F032D-V/TL                                                                                                                                                                                                                                                                                                                               |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                      |
| DESCRIPTION                      | IC MCU 32BIT 32KB FLASH 44VTLA                                                                                                                                                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                         |
| QUANTITY AVAILABLE               | 34604 pcs                                                                                                                                                                                                                                                                                                                                          |
| DATA SHEET                       |  1.PIC32MX120F032D-V/TL.pdf<br> 2.PIC32MX120F032D-V/TL.pdf<br> 3.PIC32MX120F032D-V/TL.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 44-VTLA (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                   | 44-VFTLA Exposed Pad                                                                                                                                                                                                                                                                                                                               |
| 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 32KB (32K x 8) FLASH 44-VTLA (6x6)                                                                                                                                                                                                                                    |
| DATA CONVERTERS                  | A/D 13x10b                                                                                                                                                                                                                                                                                                                                         |
| CORE SIZE                        | 32-Bit                                                                                                                                                                                                                                                                                                                                             |
| CORE PROCESSOR                   | MIPS32® M4K™                                                                                                                                                                                                                                                                                                                                       |
| CONNECTIVITY                     | I²C, IrDA, LINbus, PMP, SPI, UART/USART                                                                                                                                                                                                                                                                                                            |
| BASE PART NUMBER                 | PIC32MX120F032D                                                                                                                                                                                                                                                                                                                                    |

Related Tags

|                                                    |                                           |                                                             |
|----------------------------------------------------|-------------------------------------------|-------------------------------------------------------------|
| Micrel / Microchip Technology PIC32MX120F032D-V/TL | PIC32MX120F032D-V/TL Distributor          | PIC32MX120F032D-V/TL Supplier                               |
| PIC32MX120F032D-V/TL Price                         | PIC32MX120F032D-V/TL Pictures             | PIC32MX120F032D-V/TL Image                                  |
| PIC32MX120F032D-V/TL PDF Datasheet                 | PIC32MX120F032D-V/TL Download Datasheet   | PIC32MX120F032D-V/TL Datasheet                              |
| PIC32MX120F032D-V/TL Stock                         | Buy PIC32MX120F032D-V/TL                  | Buy Micrel / Microchip Technology PIC32MX120F032D-V/TL      |
| Micrel / Microchip Technology PIC32MX120F032D-V/TL | Micrel / Microchip Technology Supplier    | Micrel / Microchip Technology Distributor                   |
| Micrel / Microchip Technology PIC32MX120F032D-V/TL | Microchip Technology PIC32MX120F032D-V/TL | Roving Networks / Microchip Technology PIC32MX120F032D-V/TL |

Related Products

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|  <div><b>PIC32MX120F032D-50I/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 44VTLA<br/>In stock: 38756 pcs<br/><b>RFQ</b></div>  |  <div><b>PIC32MX120F032D-V/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 44QFN<br/>In stock: 44919 pcs<br/><b>RFQ</b></div>    |
|  <div><b>PIC32MX120F032DT-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 44QFN<br/>In stock: 47151 pcs<br/><b>RFQ</b></div>    |  <div><b>PIC32MX120F032DT-50I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 44QFN<br/>In stock: 35883 pcs<br/><b>RFQ</b></div> |
|  <div><b>PIC32MX120F032DT-50I/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 44VTLA<br/>In stock: 37030 pcs<br/><b>RFQ</b></div> |  <div><b>PIC32MX120F032DT-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 44TQFP<br/>In stock: 49306 pcs<br/><b>RFQ</b></div>  |
|  <div><b>PIC32MX120F032DT-50I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 44TQFP<br/>In stock: 39851 pcs<br/><b>RFQ</b></div> |  <div><b>PIC32MX120F032D-I/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 44VTLA<br/>In stock: 36296 pcs<br/><b>RFQ</b></div>   |
|  <div><b>PIC32MX120F032D-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 44TQFP<br/>In stock: 36494 pcs<br/><b>RFQ</b></div>    |  <div><b>PIC32MX120F032DT-I/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 44VTLA<br/>In stock: 38341 pcs<br/><b>RFQ</b></div>  |
|  <div><b>PIC32MX120F032D-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 44QFN<br/>In stock: 40094 pcs<br/><b>RFQ</b></div>     |  <div><b>PIC32MX120F032D-V/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 44TQFP<br/>In stock: 43330 pcs<br/><b>RFQ</b></div>   |