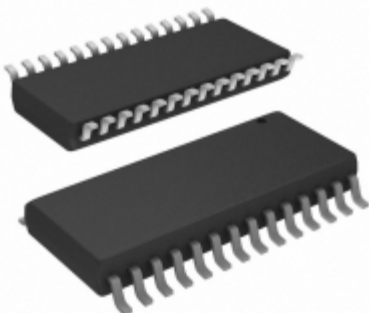


PIC32MX154F128B-V/SO





Part Number: [PIC32MX154F128B-V/SO](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 128KB FLASH

Data sheet:  [PIC32MX1xx,2xx XLP Family Datasheet](#)  
 [PIC32MX1xx,2xx XLP Errata](#)

RoHs Status: Lead free / RoHS Compliant

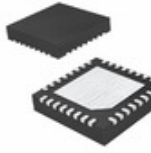
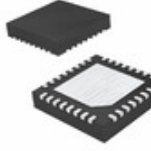
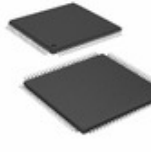
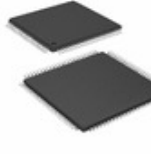
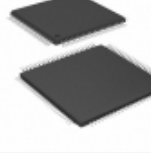
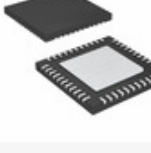
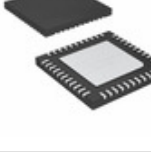
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                  |                                 |                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PIC32MX154F128B-V/SO                                                                                             | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC MCU 32BIT 128KB FLASH                                                                                         | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 28215 pcs                                                                                                        | Data sheet                      | <a href="#">PIC32MX1xx,2xx XLP Family Datasheet</a><br><a href="#">PIC32MX1xx,2xx XLP Errata</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a>                                                                        | Voltage - Supply (Vcc/Vdd)      | 2.5 V ~ 3.6 V                                                                                    |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 28-SOIC                                                                                                          | Speed                           | 72MHz                                                                                            |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Automotive, AEC-Q100, PIC® XLP™ 32MX                                                                             | RAM Size                        | 32K x 8                                                                                          |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | FLASH                                                                                                            | Program Memory Size             | 128KB (128K x 8)                                                                                 |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Brown-out Detect/Reset, DMA, HLVD, I <sup>2</sup> S, POR, PWM, WDT                                               | Packaging                       | Tube                                                                                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 28-SOIC (0.295", 7.50mm Width)                                                                                   | Oscillator Type                 | Internal                                                                                         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -40°C ~ 105°C (TA)                                                                                               | Number of I/O                   | 21                                                                                               |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1 (Unlimited)                                                                                                    | Manufacturer Standard Lead Time | 5 Weeks                                                                                          |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Lead free / RoHS Compliant                                                                                       | EEPROM Size                     | -                                                                                                |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | MIPS32® M4K™ Automotive, AEC-Q100, PIC® XLP™ 32MX Microcontroller IC 32-Bit 72MHz 128KB (128K x 8) FLASH 28-SOIC | Data Converters                 | A/D 10x10b                                                                                       |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 32-Bit                                                                                                           | Core Processor                  | MIPS32® M4K™                                                                                     |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | I <sup>2</sup> C, IrDA, LINbus, PMP, SPI, UART/USART                                                             |                                 |                                                                                                  |
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| RELATED PRODUCTS                                                                   |                                                                                                 |                                                              |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC32MX154F128DT-I/PT</a><br>Description: IC MCU 32BIT 128KB FLASH           | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX154F128BT-V/SO</a><br>Description: IC MCU 32BIT 128KB FLASH           | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX154F128B-V/MM</a><br>Description: IC MCU 32BIT 128KB FLASH            | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX154F128BT-V/MM</a><br>Description: IC MCU 32BIT 128KB FLASH           | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX150F256LT-I/PF</a><br>Description: IC MCU 32BIT 256KB FLASH 100TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX154F128D-I/ML</a><br>Description: IC MCU 32BIT 128KB FLASH            | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX150F256LT-50I/PF</a><br>Description: IC MCU 32BIT 256KB FLASH 100TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX150F256LT-50I/PT</a><br>Description: IC MCU 32BIT 256KB FLASH 100TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX150F256LT-V/PF</a><br>Description: IC MCU 32BIT 256KB FLASH 100TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX150F256LT-V/PT</a><br>Description: IC MCU 32BIT 256KB FLASH 100TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX154F128D-I/PT</a><br>Description: IC MCU 32BIT 128KB FLASH            | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX150F256L-V/PT</a><br>Description: IC MCU 32BIT 256KB FLASH 100TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|                                                    |                                                    |                                           |                                                                |
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