

PIC32MX154F128BT-V/SO



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Part Number: [PIC32MX154F128BT-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

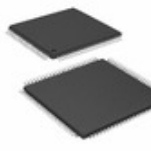
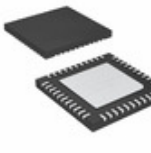
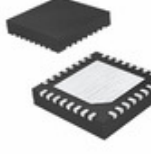
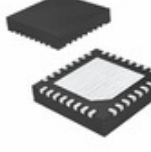
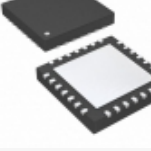
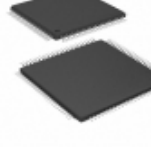
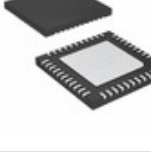
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Request For Quotation

| PRODUCT PARAMETER               |                                                       |                                  |                                                                                                                  |
|---------------------------------|-------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------|
| Part Number                     | PIC32MX154F128BT-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              | 31509 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, I²S, POR, PWM, WDT | Packaging                        | Tape & Reel (TR)                                                                                                 |
| Package / Case                  | 28-SOIC (0.295", 7.50mm Width)                        | Other Names                      | PIC32MX154F128BT-V/SOTR                                                                                          |
| 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                     | I²C, IrDA, LINbus, PMP, SPI, UART/USART                                                                          |

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|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
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|  | Part#: <a href="#">PIC32MX170F256B-50I/ML</a><br>Description: IC MCU 32BIT 256KB FLASH 28QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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