

PIC32MX150F128B-V/SP



Part Number: [PIC32MX150F128B-V/SP](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 128KB FLASH 28SDIP

Data sheet:  [PIC32MX1xx/2xx](#)  
 [PIC32MXxx0F016x,032 Errata](#)

RoHs Status: Lead free / RoHS Compliant

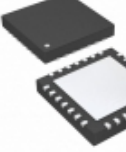
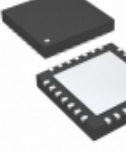
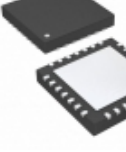
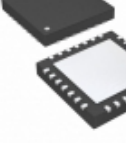
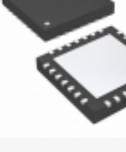
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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                              |                                 |                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PIC32MX150F128B-V/SP                                                                                         | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC MCU 32BIT 128KB FLASH 28SDIP                                                                              | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 35899 pcs                                                                                                    | Data sheet                      | <a href="#">PIC32MX1xx/2xx</a><br><a href="#">PIC32MXxx0F016x,032 Errata</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a>                                                                    | Voltage - Supply (Vcc/Vdd)      | 2.3 V ~ 3.6 V                                                                |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 28-SPDIP                                                                                                     | Speed                           | 40MHz                                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Automotive, AEC-Q100, PIC® 32MX                                                                              | RAM Size                        | 32K x 8                                                                      |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | FLASH                                                                                                        | Program Memory Size             | 128KB (128K x 8)                                                             |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                                              | Packaging                       | Tube                                                                         |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 28-DIP (0.300", 7.62mm)                                                                                      | 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 | 6 Weeks                                                                      |
| 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 128KB (128K x 8) FLASH 28-SPDIP | Data Converters                 | A/D 10x10b                                                                   |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 32-Bit                                                                                                       | Core Processor                  | MIPS32® M4K™                                                                 |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | I²C, IrDA, LINbus, PMP, SPI, UART/USART                                                                      | Base Part Number                | PIC32MX150F128                                                               |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 35899 pieces of Micrel / Microchip Technology PIC32MX150F128B-V/SP in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                                                              |                                 |                                                                              |

| RELATED PRODUCTS                                                                   |                                                                                                |                                                              |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
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