

PIC32MX564F128HT-V/PT



**Part Number:** [PIC32MX564F128HT-V/PT](#)

**Manufacturer:** [Micrel / Microchip Technology](#)

**Description:** IC MCU 32BIT 128KB FLASH 64TQFP

**Data sheet:**  [PIC32MX534,x64 Errata & Datasheet Clarification](#)  
 [PIC32 Microcontroller Brochure](#)  
 [PIC32MX5xx/6xx/7xx](#)

**RoHs Status:** Lead free / RoHS Compliant

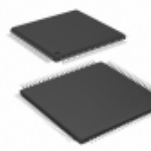
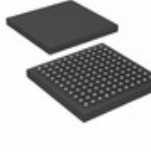
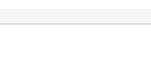
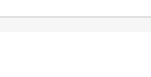
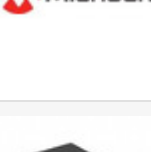
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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Component-World.HK, 1 Year Warranty

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                               |                                 |                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | PIC32MX564F128HT-V/PT                                                                         | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC MCU 32BIT 128KB FLASH 64TQFP                                                               | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 23665 pcs                                                                                     | Data sheet                      | <a href="#">PIC32MX534,x64 Errata &amp; Datasheet</a><br><a href="#">PIC32 Microcontroller Brochure</a><br><a href="#">PIC32MX5xx/6xx/7xx</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a>                                                     | Voltage - Supply (Vcc/Vdd)      | 2.3 V ~ 3.6 V                                                                                                                                 |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 64-TQFP (10x10)                                                                               | Speed                           | 80MHz                                                                                                                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | PIC® 32MX                                                                                     | RAM Size                        | 32K x 8                                                                                                                                       |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | FLASH                                                                                         | Program Memory Size             | 128KB (128K x 8)                                                                                                                              |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                    | Packaging                       | Tape & Reel (TR)                                                                                                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 64-TQFP                                                                                       | Oscillator Type                 | Internal                                                                                                                                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -40°C ~ 105°C (TA)                                                                            | Number of I/O                   | 53                                                                                                                                            |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3 (168 Hours)                                                                                 | Manufacturer Standard Lead Time | 10 Weeks                                                                                                                                      |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Lead free / RoHS Compliant                                                                    | EEPROM Size                     | -                                                                                                                                             |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | MIPS32® M4K™ PIC® 32MX Microcontroller IC 32-Bit 80MHz 128KB (128K x 8) FLASH 64-TQFP (10x10) | Data Converters                 | A/D 16x10b                                                                                                                                    |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 32-Bit                                                                                        | Core Processor                  | MIPS32® M4K™                                                                                                                                  |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | CANbus, I²C, SPI, UART/USART, USB OTG                                                         | Base Part Number                | PIC32MX564F128                                                                                                                                |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 23665 pieces of Micrel / Microchip Technology PIC32MX564F128HT-V/PT 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                                                                   |                                                                                               |                                                              |                     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">PIC32MX564F128LT-I/PT</a><br>Description: IC MCU 32BIT 128KB FLASH 100TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC32MX564F128L-V/BG</a><br>Description: IC MCU 32BIT 128KB FLASH 121BGA   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC32MX564F128H-I/PT</a><br>Description: IC MCU 32BIT 128KB FLASH 64TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC32MX564F128L-I/PT</a><br>Description: IC MCU 32BIT 128KB FLASH 100TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC32MX564F064LT-V/PT</a><br>Description: IC MCU 32BIT 64KB FLASH 100TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">PIC32MX564F128HT-I/MR</a><br>Description: IC MCU 32BIT 128KB FLASH 64QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC32MX564F128L-I/BG</a><br>Description: IC MCU 32BIT 128KB FLASH 121BGA   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC32MX564F128L-I/PF</a><br>Description: IC MCU 32BIT 128KB FLASH 100TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
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| Related keywords for PIC32MX564F128HT-V/PT          |                                                     |                                            |                                        |
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