

PIC32MX564F128H-I/PT



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**Part Number:** [PIC32MX564F128H-I/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](#)

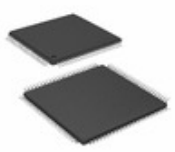
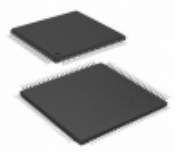
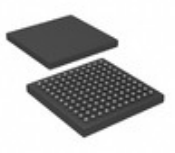
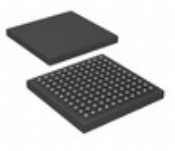
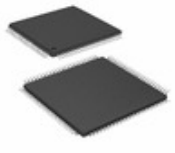
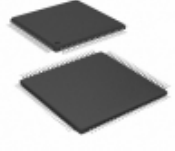
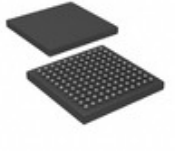
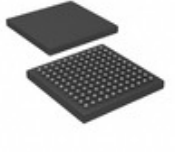
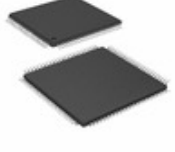
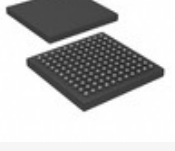
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                            |                                  |                                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PIC32MX564F128H-I/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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 26512 pcs                                  | Data sheet                       | <a href="#">PIC32MX534,x64 Errata &amp; Datasheet Clarification</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                        | Tray                                                                                                                                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 64-TQFP                                    | Other Names                      | PIC32MX564F128HIPT                                                                                                                                          |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Internal                                   | Operating Temperature            | -40°C ~ 85°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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PIC32MX564F128H                            |                                  |                                                                                                                                                             |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 26512 pieces of Micrel / Microchip Technology PIC32MX564F128H-I/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="#">PIC32MX564F128L-I/PF</a><br>Description: IC MCU 32BIT 128KB FLASH 100TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX564F064LT-I/PT</a><br>Description: IC MCU 32BIT 64KB FLASH 100TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX564F064L-V/BG</a><br>Description: IC MCU 32BIT 64KB FLASH 121TFBGA  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX564F128H-V/MR</a><br>Description: IC MCU 32BIT 128KB FLASH 64QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX564F128L-I/BG</a><br>Description: IC MCU 32BIT 128KB FLASH 121BGA   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC32MX564F064LT-V/PT</a><br>Description: IC MCU 32BIT 64KB FLASH 100TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX564F128HT-I/PT</a><br>Description: IC MCU 32BIT 128KB FLASH 64TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX564F064LT-V/BG</a><br>Description: IC MCU 32BIT 64KB FLASH 121TFBGA | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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Related keywords for PIC32MX564F128H-I/PT

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