



PIC32MX564F128LT-V/PT

|                     |                                                                                                               |
|---------------------|---------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC32MX564F128LT-V/PT                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                 |
| Product description | IC MCU 32BIT 128KB FLASH 100TQFP                                                                              |
|                     |  1.PIC32MX564F128LT-V/PT.pdf |
|                     |  2.PIC32MX564F128LT-V/PT.pdf |
|                     |  3.PIC32MX564F128LT-V/PT.pdf |
| Datasheets:         |                                                                                                               |
| RoHs Status         |  Lead free / RoHS Compliant  |
| Stock Condition     | 18923 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                         |

REQUEST FOR QUOTATION

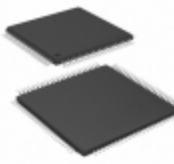
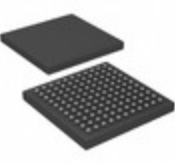
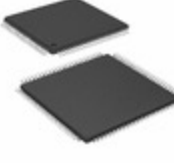
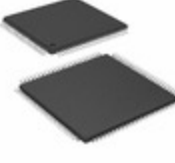
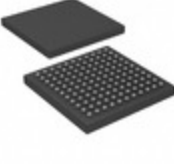
Specifications of PIC32MX564F128LT-V/PT

|                                  |                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MX564F128LT-V/PT                                                                                                                                                                                                                                                                                                                                 |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                         |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 100TQFP                                                                                                                                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                            |
| QUANTITY AVAILABLE               | 18923 pcs                                                                                                                                                                                                                                                                                                                                             |
| DATA SHEET                       |  1.PIC32MX564F128LT-V/PT.pdf<br> 2.PIC32MX564F128LT-V/PT.pdf<br> 3.PIC32MX564F128LT-V/PT.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 100-TQFP (12x12)                                                                                                                                                                                                                                                                                                                                      |
| 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                   | 100-TQFP                                                                                                                                                                                                                                                                                                                                              |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                                                                                                                                                                                                                                                    |
| NUMBER OF I/O                    | 85                                                                                                                                                                                                                                                                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                         |
| 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 100-TQFP (12x12)                                                                                                                                                                                                                                                        |
| 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                                                                                                                                                                                                                                                                                                                                        |

Related Tags

|                                                     |                                            |                                                              |
|-----------------------------------------------------|--------------------------------------------|--------------------------------------------------------------|
| Micrel / Microchip Technology PIC32MX564F128LT-V/PT | PIC32MX564F128LT-V/PT Distributor          | PIC32MX564F128LT-V/PT Supplier                               |
| PIC32MX564F128LT-V/PT Price                         | PIC32MX564F128LT-V/PT Pictures             | PIC32MX564F128LT-V/PT Image                                  |
| PIC32MX564F128LT-V/PT PDF Datasheet                 | PIC32MX564F128LT-V/PT Download Datasheet   | PIC32MX564F128LT-V/PT Datasheet                              |
| PIC32MX564F128LT-V/PT Stock                         | Buy PIC32MX564F128LT-V/PT                  | Buy Micrel / Microchip Technology PIC32MX564F128LT-V/PT      |
| Micrel / Microchip Technology PIC32MX564F128LT-V/PT | Micrel / Microchip Technology Supplier     | Micrel / Microchip Technology Distributor                    |
| Micrel / Microchip Technology PIC32MX564F128LT-V/PT | Microchip Technology PIC32MX564F128LT-V/PT | Roving Networks / Microchip Technology PIC32MX564F128LT-V/PT |

Related Products

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|  <div><b>PIC32MX564F128LT-V/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 100TQFP<br/>In stock: 21153 pcs<br/><div>RFQ</div></div> |  <div><b>PIC32MX564F128LT-I/BG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 121BGA<br/>In stock: 19348 pcs<br/><div>RFQ</div></div>  |
|  <div><b>PIC32MX570F512H-V/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64QFN<br/>In stock: 19974 pcs<br/><div>RFQ</div></div>    |  <div><b>PIC32MX570F512H-50I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64QFN<br/>In stock: 22448 pcs<br/><div>RFQ</div></div>  |
|  <div><b>PIC32MX564F128LT-V/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 100TQFP<br/>In stock: 18119 pcs<br/><div>RFQ</div></div> |  <div><b>PIC32MX564F128LT-I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 100TQFP<br/>In stock: 17981 pcs<br/><div>RFQ</div></div> |
|  <div><b>PIC32MX564F128LT-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 100TQFP<br/>In stock: 20543 pcs<br/><div>RFQ</div></div> |  <div><b>PIC32MX570F512H-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64TQFP<br/>In stock: 19237 pcs<br/><div>RFQ</div></div>   |
|  <div><b>PIC32MX564F128LT-V/BG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 121BGA<br/>In stock: 17164 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC32MX570F512H-V/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64TQFP<br/>In stock: 22563 pcs<br/><div>RFQ</div></div>   |
|  <div><b>PIC32MX570F512H-50I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64TQFP<br/>In stock: 19104 pcs<br/><div>RFQ</div></div> |  <div><b>PIC32MX570F512H-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64QFN<br/>In stock: 19129 pcs<br/><div>RFQ</div></div>    |