

PIC32MX320F064H-80I/MR



Part Number: [PIC32MX320F064H-80I/MR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 64KB FLASH 64QFN

Data sheet:  [PIC32MX3xx,4xx Datasheet](#)  
 [PIC32 Microcontroller Brochure](#)  
 [PIC32MX User Guide](#)  
 [PIC32MX3zz,PIC32MX4zz Family Errata & DataSheet CI](#)  
 [PIC32MX Flash Programming Spec](#)

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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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                          |                                 |                                                                                                                                                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PIC32MX320F064H-80I/MR                                                                   | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                                                                                                                                                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | IC MCU 32BIT 64KB FLASH 64QFN                                                            | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                                                                                                                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 22501 pcs                                                                                | Data sheet                      | <a href="#">PIC32MX3xx,4xx Datasheet</a><br><a href="#">PIC32 Microcontroller Brochure</a><br><a href="#">PIC32MX User Guide</a><br><a href="#">PIC32MX3zz,PIC32MX4zz Family Errata &amp; DataSheet CI</a><br><a href="#">PIC32MX Flash Programming Spec</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Integrated Circuits (ICs)</a>                                                | Voltage - Supply (Vcc/Vdd)      | 2.3 V ~ 3.6 V                                                                                                                                                                                                                                                |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 64-QFN (9x9)                                                                             | Speed                           | 80MHz                                                                                                                                                                                                                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | PIC® 32MX                                                                                | RAM Size                        | 16K x 8                                                                                                                                                                                                                                                      |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | FLASH                                                                                    | Program Memory Size             | 64KB (64K x 8)                                                                                                                                                                                                                                               |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Brown-out Detect/Reset, POR, PWM, WDT                                                    | Packaging                       | Tube                                                                                                                                                                                                                                                         |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 64-VFQFN Exposed Pad                                                                     | Oscillator Type                 | Internal                                                                                                                                                                                                                                                     |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -40°C ~ 85°C (TA)                                                                        | Number of I/O                   | 53                                                                                                                                                                                                                                                           |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1 (Unlimited)                                                                            | Manufacturer Standard Lead Time | 18 Weeks                                                                                                                                                                                                                                                     |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Lead free / RoHS Compliant                                                               | EEPROM Size                     | -                                                                                                                                                                                                                                                            |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | MIPS32® M4K™ PIC® 32MX Microcontroller IC 32-Bit 80MHz 64KB (64K x 8) FLASH 64-QFN (9x9) | Data Converters                 | A/D 16x10b                                                                                                                                                                                                                                                   |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 32-Bit                                                                                   | Core Processor                  | MIPS32® M4K™                                                                                                                                                                                                                                                 |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | I²C, IrDA, LINbus, PMP, SPI, UART/USART                                                  | Base Part Number                | PIC32MX320F064                                                                                                                                                                                                                                               |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 22501 pieces of Micrel / Microchip Technology PIC32MX320F064H-80I/MR 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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Related keywords for PIC32MX320F064H-80I/MR

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