



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC32MX320F128H-80I/MR

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|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC32MX320F128H-80I/MR                                                                                                                                                                                                                                                                                                                                        |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                 |
| Product description | IC MCU 32BIT 128KB FLASH 64QFN <div><div>PDF</div>1.PIC32MX320F128H-80I/MR.pdf<div><div>PDF</div>2.PIC32MX320F128H-80I/MR.pdf<div><div>PDF</div>3.PIC32MX320F128H-80I/MR.pdf<div><div>PDF</div>4.PIC32MX320F128H-80I/MR.pdf<div><div>PDF</div>5.PIC32MX320F128H-80I/MR.pdf<div><div>PDF</div>6.PIC32MX320F128H-80I/MR.pdf</div></div></div></div></div></div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                               |
| RoHs Status         | <div><div>✓</div>Lead free / RoHS Compliant</div>                                                                                                                                                                                                                                                                                                             |
| Stock Condition     | 21660 pcs stock                                                                                                                                                                                                                                                                                                                                               |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                         |

REQUEST FOR QUOTATION

Specifications of PIC32MX320F128H-80I/MR

|                                  |                                                                                                                                                                                                                                                                                                                                |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MX320F128H-80I/MR                                                                                                                                                                                                                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                  |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 64QFN                                                                                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                     |
| QUANTITY AVAILABLE               | 21660 pcs                                                                                                                                                                                                                                                                                                                      |
| DATA SHEET                       | <div><div>PDF</div>1.PIC32MX320F128H-80I/MR.pdf<div><div>PDF</div>2.PIC32MX320F128H-80I/MR.pdf<div><div>PDF</div>3.PIC32MX320F128H-80I/MR.pdf<div><div>PDF</div>4.PIC32MX320F128H-80I/MR.pdf<div><div>PDF</div>5.PIC32MX320F128H-80I/MR.pdf<div><div>PDF</div>6.PIC32MX320F128H-80I/MR.pdf</div></div></div></div></div></div> |
| 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              | 128KB (128K 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)                                                                                                                                                                                                                                                                                                                  |
| 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-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                 | PIC32MX320F128                                                                                                                                                                                                                                                                                                                 |

Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology PIC32MX320F128H-80I/MR | PIC32MX320F128H-80I/MR Distributor          | PIC32MX320F128H-80I/MR Supplier                               |
| PIC32MX320F128H-80I/MR Price                         | PIC32MX320F128H-80I/MR Pictures             | PIC32MX320F128H-80I/MR Image                                  |
| PIC32MX320F128H-80I/MR PDF Datasheet                 | PIC32MX320F128H-80I/MR Download Datasheet   | PIC32MX320F128H-80I/MR Datasheet                              |
| PIC32MX320F128H-80I/MR Stock                         | Buy PIC32MX320F128H-80I/MR                  | Buy Micrel / Microchip Technology PIC32MX320F128H-80I/MR      |
| Micrel / Microchip Technology PIC32MX320F128H-80I/MR | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology PIC32MX320F128H-80I/MR | Microchip Technology PIC32MX320F128H-80I/MR | Roving Networks / Microchip Technology PIC32MX320F128H-80I/MR |

Related Products

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| <div><div></div><div><b>PIC32MX320F128H-80V/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 64TQFP<br/>In stock: 16800 pcs</div><div>RFQ</div></div>  | <div><div></div><div><b>PIC32MX320F128HT-80I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 64QFN<br/>In stock: 20947 pcs</div><div>RFQ</div></div> |
| <div><div></div><div><b>PIC32MX320F064HT-40V/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 64QFN<br/>In stock: 20417 pcs</div><div>RFQ</div></div>   | <div><div></div><div><b>PIC32MX320F128HT-80V/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 64QFN<br/>In stock: 21984 pcs</div><div>RFQ</div></div> |
| <div><div></div><div><b>PIC32MX320F128HT-80I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 64TQFP<br/>In stock: 20580 pcs</div><div>RFQ</div></div> | <div><div></div><div><b>PIC32MX320F064HT-80V/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 64TQFP<br/>In stock: 13972 pcs</div><div>RFQ</div></div> |
| <div><div></div><div><b>PIC32MX320F128H-80V/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 64QFN<br/>In stock: 18929 pcs</div><div>RFQ</div></div>   | <div><div></div><div><b>PIC32MX320F128H-80I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 64TQFP<br/>In stock: 19549 pcs</div><div>RFQ</div></div> |
| <div><div></div><div><b>PIC32MX320F064HT-80I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 64TQFP<br/>In stock: 23204 pcs</div><div>RFQ</div></div>  | <div><div></div><div><b>PIC32MX320F064HT-80I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 64QFN<br/>In stock: 25317 pcs</div><div>RFQ</div></div>  |
| <div><div></div><div><b>PIC32MX320F064HT-40V/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 64TQFP<br/>In stock: 22843 pcs</div><div>RFQ</div></div>  | <div><div></div><div><b>PIC32MX320F064HT-80V/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB FLASH 64QFN<br/>In stock: 17183 pcs</div><div>RFQ</div></div>  |