

MICROCHIP

Micrel / Microchip Technology

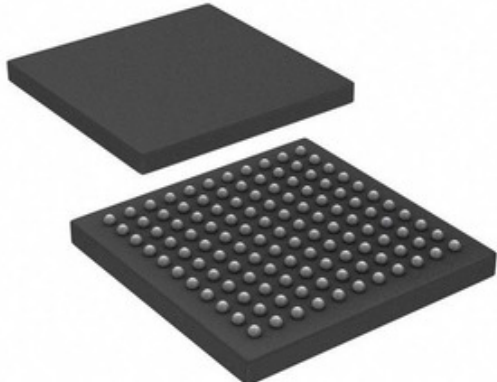


Image may be representation. See specifications for product details.

PIC32MX440F128L-80V/BG

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC32MX440F128L-80V/BG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Product description | IC MCU 32BIT 128KB FLASH 121BGA <div><div>PDF</div>1.PIC32MX440F128L-80V/BG.pdf<div><div>PDF</div></div></div> <div><div>PDF</div>2.PIC32MX440F128L-80V/BG.pdf<div><div>PDF</div></div></div> <div><div>PDF</div>3.PIC32MX440F128L-80V/BG.pdf<div><div>PDF</div></div></div> <div><div>PDF</div>4.PIC32MX440F128L-80V/BG.pdf<div><div>PDF</div></div></div> <div><div>PDF</div>5.PIC32MX440F128L-80V/BG.pdf<div><div>PDF</div></div></div> <div><div>PDF</div>6.PIC32MX440F128L-80V/BG.pdf<div><div>PDF</div></div></div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| RoHs Status         | <div><div>RoHS</div></div> Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Stock Condition     | 13349 pcs stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

REQUEST FOR QUOTATION

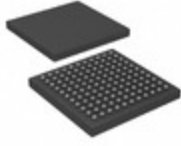
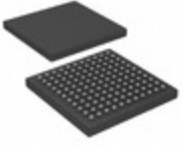
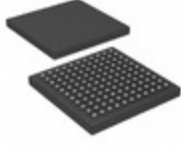
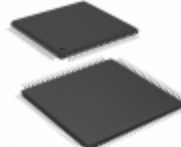
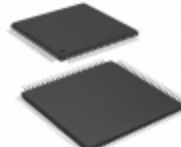
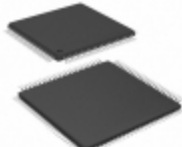
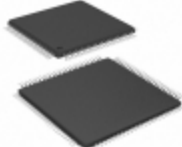
Specifications of PIC32MX440F128L-80V/BG

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MX440F128L-80V/BG                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 121BGA                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| QUANTITY AVAILABLE               | 13349 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| DATA SHEET                       | <div><div>PDF</div>1.PIC32MX440F128L-80V/BG.pdf<div><div>PDF</div></div></div> <div><div>PDF</div>2.PIC32MX440F128L-80V/BG.pdf<div><div>PDF</div></div></div> <div><div>PDF</div>3.PIC32MX440F128L-80V/BG.pdf<div><div>PDF</div></div></div> <div><div>PDF</div>4.PIC32MX440F128L-80V/BG.pdf<div><div>PDF</div></div></div> <div><div>PDF</div>5.PIC32MX440F128L-80V/BG.pdf<div><div>PDF</div></div></div> <div><div>PDF</div>6.PIC32MX440F128L-80V/BG.pdf<div><div>PDF</div></div></div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 121-TFBGA (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                   | 121-TFBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| OTHER NAMES                      | PIC32MX440F128L80VBG                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 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 121-TFBGA (10x10)                                                                                                                                                                                                                                                                                                                                                                                           |
| DATA CONVERTERS                  | A/D 16x10b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| CORE SIZE                        | 32-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| CORE PROCESSOR                   | MIPS32® M4K™                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| CONNECTIVITY                     | I²C, IrDA, LINbus, PMP, SPI, UART/USART, USB OTG                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| BASE PART NUMBER                 | PIC32MX440F128                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology PIC32MX440F128L-80V/BG | PIC32MX440F128L-80V/BG Distributor          | PIC32MX440F128L-80V/BG Supplier                               |
| PIC32MX440F128L-80V/BG Price                         | PIC32MX440F128L-80V/BG Pictures             | PIC32MX440F128L-80V/BG Image                                  |
| PIC32MX440F128L-80V/BG PDF Datasheet                 | PIC32MX440F128L-80V/BG Download Datasheet   | PIC32MX440F128L-80V/BG Datasheet                              |
| PIC32MX440F128L-80V/BG Stock                         | Buy PIC32MX440F128L-80V/BG                  | Buy Micrel / Microchip Technology PIC32MX440F128L-80V/BG      |
| Micrel / Microchip Technology PIC32MX440F128L-80V/BG | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology PIC32MX440F128L-80V/BG | Microchip Technology PIC32MX440F128L-80V/BG | Roving Networks / Microchip Technology PIC32MX440F128L-80V/BG |

Related Products

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| <div><div></div><div><b>PIC32MX440F128LT-80I/BG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 121BGA<br/>In stock: 16597 pcs<br/><div>RFQ</div></div></div> | <div><div></div><div><b>PIC32MX440F128LT-80I/BG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 121BGA<br/>In stock: 15240 pcs<br/><div>RFQ</div></div></div>  |
| <div><div></div><div><b>PIC32MX440F128LT-80V/BG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 121BGA<br/>In stock: 14728 pcs<br/><div>RFQ</div></div></div> | <div><div></div><div><b>PIC32MX440F128HT-80V/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 64QFN<br/>In stock: 21317 pcs<br/><div>RFQ</div></div></div>   |
| <div><div></div><div><b>PIC32MX440F128L-80V/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 100TQFP<br/>In stock: 12806 pcs<br/><div>RFQ</div></div></div> | <div><div></div><div><b>PIC32MX440F256H-80I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64QFN<br/>In stock: 15011 pcs<br/><div>RFQ</div></div></div>    |
| <div><div></div><div><b>PIC32MX440F128HT-80I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 64QFN<br/>In stock: 19427 pcs<br/><div>RFQ</div></div></div>  | <div><div></div><div><b>PIC32MX440F128HT-80I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 64TQFP<br/>In stock: 23018 pcs<br/><div>RFQ</div></div></div>  |
| <div><div></div><div><b>PIC32MX440F128L-80I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 100TQFP<br/>In stock: 16236 pcs<br/><div>RFQ</div></div></div> | <div><div></div><div><b>PIC32MX440F128LT-80V/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 100TQFP<br/>In stock: 16934 pcs<br/><div>RFQ</div></div></div> |
| <div><div></div><div><b>PIC32MX440F128HT-80V/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 64TQFP<br/>In stock: 16602 pcs<br/><div>RFQ</div></div></div> | <div><div></div><div><b>PIC32MX440F128LT-80I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 100TQFP<br/>In stock: 18963 pcs<br/><div>RFQ</div></div></div> |

