

MICROCHIP

Micrel / Microchip Technology

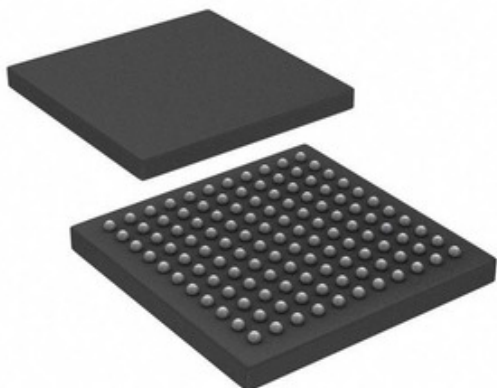


Image may be representation. See specifications for product details.

PIC32MX440F128L-80I/BG

Part Number: PIC32MX440F128L-80I/BG

Manufacturer/Brand: Micrel / Microchip Technology

Product description: IC MCU 32BIT 128KB FLASH 121BGA

Datasheets:

1.PIC32MX440F128L-80I/BG.pdf

2.PIC32MX440F128L-80I/BG.pdf

3.PIC32MX440F128L-80I/BG.pdf

4.PIC32MX440F128L-80I/BG.pdf

5.PIC32MX440F128L-80I/BG.pdf

6.PIC32MX440F128L-80I/BG.pdf

RoHs Status

Lead free / RoHS Compliant

Stock Condition

15240 pcs stock

Ship From

Hong Kong

Shipment Way

DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

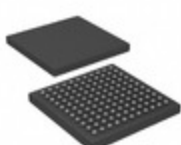
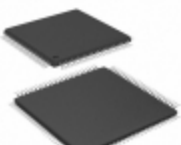
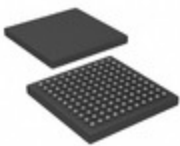
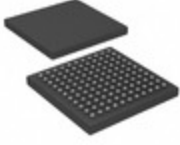
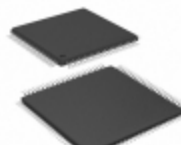
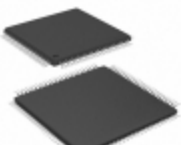
Specifications of PIC32MX440F128L-80I/BG

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MX440F128L-80I/BG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 121BGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| QUANTITY AVAILABLE               | 15240 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| DATA SHEET                       | <div>1.PIC32MX440F128L-80I/BG.pdf</div> <div>2.PIC32MX440F128L-80I/BG.pdf</div> <div>3.PIC32MX440F128L-80I/BG.pdf</div> <div>4.PIC32MX440F128L-80I/BG.pdf</div> <div>5.PIC32MX440F128L-80I/BG.pdf</div> <div>6.PIC32MX440F128L-80I/BG.pdf</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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 85°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-80I/BG | PIC32MX440F128L-80I/BG Distributor          | PIC32MX440F128L-80I/BG Supplier                               |
| PIC32MX440F128L-80I/BG Price                         | PIC32MX440F128L-80I/BG Pictures             | PIC32MX440F128L-80I/BG Image                                  |
| PIC32MX440F128L-80I/BG PDF Datasheet                 | PIC32MX440F128L-80I/BG Download Datasheet   | PIC32MX440F128L-80I/BG Datasheet                              |
| PIC32MX440F128L-80I/BG Stock                         | Buy PIC32MX440F128L-80I/BG                  | Buy Micrel / Microchip Technology PIC32MX440F128L-80I/BG      |
| Micrel / Microchip Technology PIC32MX440F128L-80I/BG | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology PIC32MX440F128L-80I/BG | Microchip Technology PIC32MX440F128L-80I/BG | Roving Networks / Microchip Technology PIC32MX440F128L-80I/BG |

Related Products

|                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>MICROCHIP</div> <div>PIC32MX440F128HT-80V/MR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 128KB FLASH 64QFN</div> <div>In stock: 21317 pcs</div> <div>RFQ</div>  | <div>MICROCHIP</div> <div>PIC32MX440F128HT-80I/MR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 128KB FLASH 64QFN</div> <div>In stock: 19427 pcs</div> <div>RFQ</div>  |
| <div>MICROCHIP</div> <div>PIC32MX440F128H-80V/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 128KB FLASH 64TQFP</div> <div>In stock: 16181 pcs</div> <div>RFQ</div>  | <div>MICROCHIP</div> <div>PIC32MX440F128HT-80I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 128KB FLASH 64TQFP</div> <div>In stock: 23018 pcs</div> <div>RFQ</div> |
| <div></div> <div>PIC32MX440F128L-80V/BG</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 128KB FLASH 121BGA</div> <div>In stock: 13349 pcs</div> <div>RFQ</div>           | <div></div> <div>PIC32MX440F128LT-80I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 128KB FLASH 100TQFP</div> <div>In stock: 18963 pcs</div> <div>RFQ</div>         |
| <div>MICROCHIP</div> <div>PIC32MX440F128HT-80V/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 128KB FLASH 64TQFP</div> <div>In stock: 16602 pcs</div> <div>RFQ</div> | <div></div> <div>PIC32MX440F128LT-80V/BG</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 128KB FLASH 121BGA</div> <div>In stock: 14728 pcs</div> <div>RFQ</div>          |
| <div>MICROCHIP</div> <div>PIC32MX440F128H-80V/MR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 128KB FLASH 64QFN</div> <div>In stock: 13364 pcs</div> <div>RFQ</div>   | <div></div> <div>PIC32MX440F128LT-80I/BG</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 128KB FLASH 121BGA</div> <div>In stock: 16597 pcs</div> <div>RFQ</div>          |
| <div></div> <div>PIC32MX440F128L-80I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 128KB FLASH 100TQFP</div> <div>In stock: 16236 pcs</div> <div>RFQ</div>          | <div></div> <div>PIC32MX440F128L-80V/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 128KB FLASH 100TQFP</div> <div>In stock: 12806 pcs</div> <div>RFQ</div>          |