

DSPIC33EP128MC206-E/MR



Part Number: [DSPIC33EP128MC206-E/MR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 128KB FLASH 64QFN

Data sheet:  [dsPIC\(33,24\)EPzzz\(GP,MC\)20x,50x](#)  
 [dsPIC\(33,24\)EPzzz\(GP,MC\)20x,50x Errata](#)

RoHs Status: Lead free / RoHS Compliant

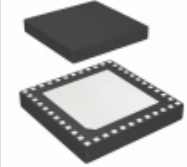
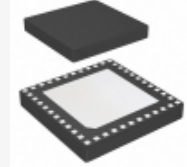
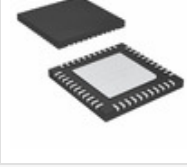
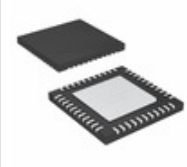
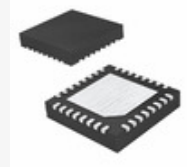
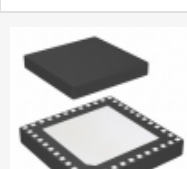
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy DSPIC33EP128MC206-E/MR with confidence from  
Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                         |                                 |                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | DSPIC33EP128MC206-E/MR                                                                  | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | IC MCU 16BIT 128KB FLASH 64QFN                                                          | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 31772 pcs                                                                               | Data sheet                      | <a href="#">dsPIC(33,24)EPzzz(GP,MC)20x,50x</a><br><a href="#">dsPIC(33,24)EPzzz(GP,MC)20x,50x Errata</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Integrated Circuits (ICs)</a>                                               | Voltage - Supply (Vcc/Vdd)      | 3 V ~ 3.6 V                                                                                               |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 64-QFN (9x9)                                                                            | Speed                           | 60 MIPs                                                                                                   |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dsPIC™ 33EP                                                                             | RAM Size                        | 8K x 16                                                                                                   |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | FLASH                                                                                   | Program Memory Size             | 128KB (43K x 24)                                                                                          |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT                           | Packaging                       | Tube                                                                                                      |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 64-VFQFN Exposed Pad                                                                    | Oscillator Type                 | Internal                                                                                                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -40°C ~ 125°C (TA)                                                                      | Number of I/O                   | 53                                                                                                        |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1 (Unlimited)                                                                           | Manufacturer Standard Lead Time | 11 Weeks                                                                                                  |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Lead free / RoHS Compliant                                                              | EEPROM Size                     | -                                                                                                         |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | dsPIC dsPIC™ 33EP Microcontroller IC 16-Bit 60 MIPs 128KB (43K x 24) FLASH 64-QFN (9x9) | Data Converters                 | A/D 16x10b/12b                                                                                            |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 16-Bit                                                                                  | Core Processor                  | dsPIC                                                                                                     |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | I <sup>2</sup> C, IrDA, LINbus, QEI, SPI, UART/USART                                    | Base Part Number                | DSPIC33EP128MC206                                                                                         |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 31772 pieces of Micrel / Microchip Technology DSPIC33EP128MC206-E/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                                                                   |                                                                                                |                                                              |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">DSPIC33EP128MC206-E/PT</a><br>Description: IC MCU 16BIT 128KB FLASH 64TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EP128MC206T-E/MR</a><br>Description: IC MCU 16BIT 128KB FLASH 64QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EP128MC204-I/TL</a><br>Description: IC MCU 16BIT 128KB FLASH 44VTLA  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EP128MC204T-I/TL</a><br>Description: IC MCU 16BIT 128KB FLASH 44VTLA | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EP128MC204T-I/PT</a><br>Description: IC MCU 16BIT 128KB FLASH 44TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EP128MC206-H/MR</a><br>Description: IC MCU 16BIT 128KB FLASH 64QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EP128MC204T-E/ML</a><br>Description: IC MCU 16BIT 128KB FLASH 44QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EP128MC204-I/PT</a><br>Description: IC MCU 16BIT 128KB FLASH 44TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EP128MC206T-I/PT</a><br>Description: IC MCU 16BIT 128KB FLASH 64TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EP128MC206T-I/MR</a><br>Description: IC MCU 16BIT 128KB FLASH 64QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EP128MC204T-I/ML</a><br>Description: IC MCU 16BIT 128KB FLASH 44QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EP128MC502-E/MM</a><br>Description: IC MCU 16BIT 128KB FLASH 28QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EP128MC204T-E/PT</a><br>Description: IC MCU 16BIT 128KB FLASH 44TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EP128MC206-I/MR</a><br>Description: IC MCU 16BIT 128KB FLASH 64QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EP128MC206-I/PT</a><br>Description: IC MCU 16BIT 128KB FLASH 64TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EP128MC204T-I/MV</a><br>Description: IC MCU 16BIT 128KB FLASH 48UQFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EP128MC204-I/MV</a><br>Description: IC MCU 16BIT 128KB FLASH 48UQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EP128MC204T-E/TL</a><br>Description: IC MCU 16BIT 128KB FLASH 44VTLA | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EP128MC206-H/PT</a><br>Description: IC MCU 16BIT 128KB FLASH 64TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EP128MC206T-E/PT</a><br>Description: IC MCU 16BIT 128KB FLASH 64TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for DSPIC33EP128MC206-E/MR

|                               |                                           |                                             |                                        |
|-------------------------------|-------------------------------------------|---------------------------------------------|----------------------------------------|
| Micrel / Microchip Technology | DSPIC33EP128MC206-E/MR distributor        | DSPIC33EP128MC206-E/MR supplier             | DSPIC33EP128MC206-E/MR price           |
| DSPIC33EP128MC206-E/MR        | DSPIC33EP128MC206-E/MR download datasheet | DSPIC33EP128MC206-E/MR datasheet            | DSPIC33EP128MC206-E/MR stock           |
| buy DSPIC33EP128MC206-E/MR    | Micrel / Microchip Technology             | Microchip Technology DSPIC33EP128MC206-E/MR | Roving Networks / Microchip Technology |
|                               | DSPIC33EP128MC206-E/MR                    |                                             | DSPIC33EP128MC206-E/MR                 |