

PIC24EP512MC206-E/MR



Part Number: [PIC24EP512MC206-E/MR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 512KB FLASH 64QFN

Data sheet:  [dsPIC\(33,24\)EPzzz\(GP,MC\)20x,50x](#)  
 [16-bit Embedded Control Solutions](#)  
 [dsPIC\(33,24\)EPzzz\(GP,MC\)20x,50x Errata](#)

RoHs Status: Lead free / RoHS Compliant

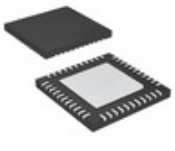
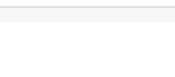
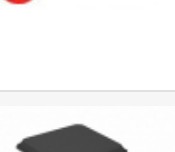
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy PIC24EP512MC206-E/MR with confidence from  
Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                         |                                 |                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PIC24EP512MC206-E/MR                                                                    | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC MCU 16BIT 512KB FLASH 64QFN                                                          | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 20337 pcs                                                                               | Data sheet                      | <a href="#">dsPIC(33,24)EPzzz(GP,MC)20x,50x</a><br><a href="#">16-bit Embedded Control Solutions</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-EP (9x9)                                                                         | Speed                           | 60 MIPs                                                                                                                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PIC® 24EP                                                                               | RAM Size                        | 24K x 16                                                                                                                                                       |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | FLASH                                                                                   | Program Memory Size             | 512KB (170K 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)                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 3 (168 Hours)                                                                           | Manufacturer Standard Lead Time | 10 Weeks                                                                                                                                                       |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Lead free / RoHS Compliant                                                              | EEPROM Size                     | -                                                                                                                                                              |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | PIC PIC® 24EP Microcontroller IC 16-Bit 60 MIPs 512KB (170K x 24) FLASH 64-QFN-EP (9x9) | Data Converters                 | A/D 16x10b/12b                                                                                                                                                 |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 16-Bit                                                                                  | Core Processor                  | PIC                                                                                                                                                            |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | I²C, IrDA, LINbus, QEI, SPI, UART/USART                                                 | Base Part Number                | PIC24EP512MC206                                                                                                                                                |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 20337 pieces of Micrel / Microchip Technology PIC24EP512MC206-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="#">PIC24EP512MC204-I/PT</a><br>Description: IC MCU 16BIT 512KB FLASH 44TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24EP512MC204T-E/ML</a><br>Description: IC MCU 16BIT 512KB FLASH 44QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24EP512MC206T-E/PT</a><br>Description: IC MCU 16BIT 512KB FLASH 64TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24EP512MC206T-I/MR</a><br>Description: IC MCU 16BIT 512KB FLASH 64QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24EP512MC204T-E/TL</a><br>Description: IC MCU 16BIT 512KB FLASH 44VTLA | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24EP512MC204T-I/TL</a><br>Description: IC MCU 16BIT 512KB FLASH 44VTLA | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24EP512MC206-I/MR</a><br>Description: IC MCU 16BIT 512KB FLASH 64QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24EP512MC206-H/MR</a><br>Description: IC MCU 16BIT 512KB FLASH 64QFN   | Manufacturers: <a href="#">Microchip Technology</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24EP512MC206T-I/PT</a><br>Description: IC MCU 16BIT 512KB FLASH 64TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24EP64GP202-E/MM</a><br>Description: IC MCU 16BIT 64KB FLASH 28QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24EP512MC204T-I/PT</a><br>Description: IC MCU 16BIT 512KB FLASH 44TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24EP512MC204T-I/MV</a><br>Description: IC MCU 16BIT 512KB FLASH 48UQFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24EP512MC206-I/PT</a><br>Description: IC MCU 16BIT 512KB FLASH 64TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24EP512MC204T-I/ML</a><br>Description: IC MCU 16BIT 512KB FLASH 44QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24EP512MC204-I/MV</a><br>Description: IC MCU 16BIT 512KB FLASH 48UQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24EP512MC206-E/PT</a><br>Description: IC MCU 16BIT 512KB FLASH 64TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24EP512MC206T-E/MR</a><br>Description: IC MCU 16BIT 512KB FLASH 64QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24EP512MC206-H/PT</a><br>Description: IC MCU 16BIT 512KB FLASH 64TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24EP512MC204T-E/PT</a><br>Description: IC MCU 16BIT 512KB FLASH 44TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24EP512MC204-I/TL</a><br>Description: IC MCU 16BIT 512KB FLASH 44VTLA  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for PIC24EP512MC206-E/MR

|                                                    |                                                    |                                           |                                                                |
|----------------------------------------------------|----------------------------------------------------|-------------------------------------------|----------------------------------------------------------------|
| Micrel / Microchip Technology PIC24EP512MC206-E/MR | PIC24EP512MC206-E/MR distributor                   | PIC24EP512MC206-E/MR supplier             | PIC24EP512MC206-E/MR price                                     |
|                                                    | PIC24EP512MC206-E/MR download datasheet            | PIC24EP512MC206-E/MR datasheet            | PIC24EP512MC206-E/MR stock                                     |
| buy PIC24EP512MC206-E/MR                           | Micrel / Microchip Technology PIC24EP512MC206-E/MR | Microchip Technology PIC24EP512MC206-E/MR | Roving Networks / Microchip Technology<br>PIC24EP512MC206-E/MR |