



Micrel / Microchip Technology



PIC24EP256MC206T-E/MR

|                     |                                                                                                               |
|---------------------|---------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC24EP256MC206T-E/MR                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                 |
| Product description | IC MCU 16BIT 256KB FLASH 64QFN                                                                                |
| Datasheets:         |  1.PIC24EP256MC206T-E/MR.pdf |
|                     |  2.PIC24EP256MC206T-E/MR.pdf |
| RoHs Status         |  Lead free / RoHS Compliant  |
| Stock Condition     | 3180 pcs stock                                                                                                |
| Ship From           | Hong Kong                                                                                                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                         |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

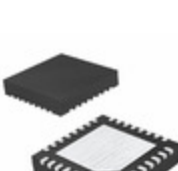
Specifications of PIC24EP256MC206T-E/MR

|                                  |                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC24EP256MC206T-E/MR                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                   |
| DESCRIPTION                      | IC MCU 16BIT 256KB FLASH 64QFN                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                      |
| QUANTITY AVAILABLE               | 3180 pcs                                                                                                        |
| DATA SHEET                       |  1.PIC24EP256MC206T-E/MR.pdf |
|                                  |  2.PIC24EP256MC206T-E/MR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 64-QFN-EP (9x9)                                                                                                 |
| SPEED                            | 60 MIPS                                                                                                         |
| SERIES                           | PIC® 24EP                                                                                                       |
| RAM SIZE                         | 16K x 16                                                                                                        |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                           |
| PROGRAM MEMORY SIZE              | 256KB (85.5K x 24)                                                                                              |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT                                                   |
| PACKAGING                        | Tape & Reel (TR)                                                                                                |
| 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)                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                      |
| EEPROM SIZE                      | -                                                                                                               |
| DETAILED DESCRIPTION             | PIC PIC® 24EP Microcontroller IC 16-Bit 60 MIPS 256KB (85.5K 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                 | PIC24EP256MC206                                                                                                 |

Related Tags

|                                                     |                                            |                                                              |
|-----------------------------------------------------|--------------------------------------------|--------------------------------------------------------------|
| Micrel / Microchip Technology PIC24EP256MC206T-E/MR | PIC24EP256MC206T-E/MR Distributor          | PIC24EP256MC206T-E/MR Supplier                               |
| PIC24EP256MC206T-E/MR Price                         | PIC24EP256MC206T-E/MR Pictures             | PIC24EP256MC206T-E/MR Image                                  |
| PIC24EP256MC206T-E/MR PDF Datasheet                 | PIC24EP256MC206T-E/MR Download Datasheet   | PIC24EP256MC206T-E/MR Datasheet                              |
| PIC24EP256MC206T-E/MR Stock                         | Buy PIC24EP256MC206T-E/MR                  | Buy Micrel / Microchip Technology PIC24EP256MC206T-E/MR      |
| Micrel / Microchip Technology PIC24EP256MC206T-E/MR | Micrel / Microchip Technology Supplier     | Micrel / Microchip Technology Distributor                    |
| Micrel / Microchip Technology PIC24EP256MC206T-E/MR | Microchip Technology PIC24EP256MC206T-E/MR | Roving Networks / Microchip Technology PIC24EP256MC206T-E/MR |

Related Products

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| <div><div><b>PIC24EP256MC206-H/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 64QFN<br/>In stock: 3549 pcs</div><div>RFQ</div></div>    | <div><div><b>PIC24EP32GP202-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SOIC<br/>In stock: 59832 pcs</div><div>RFQ</div></div>   |
| <div><div><b>PIC24EP256MC206-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 64TQFP<br/>In stock: 3109 pcs</div><div>RFQ</div></div>   | <div><div><b>PIC24EP256MC206-E/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 64QFN<br/>In stock: 6443 pcs</div><div>RFQ</div></div>   |
| <div><div><b>PIC24EP256MC206T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 64TQFP<br/>In stock: 31445 pcs</div><div>RFQ</div></div> | <div><div><b>PIC24EP256MC206-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 64QFN<br/>In stock: 22600 pcs</div><div>RFQ</div></div>  |
| <div><div><b>PIC24EP256MC206T-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 64QFN<br/>In stock: 27735 pcs</div><div>RFQ</div></div>  | <div><div><b>PIC24EP32GP202-E/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SDIP<br/>In stock: 52184 pcs</div><div>RFQ</div></div>   |
| <div><div><b>PIC24EP256MC206-H/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 64TQFP<br/>In stock: 5559 pcs</div><div>RFQ</div></div>   | <div><div><b>PIC24EP256MC206T-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 64TQFP<br/>In stock: 6821 pcs</div><div>RFQ</div></div> |
| <div><div><b>PIC24EP32GP202-E/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28QFN<br/>In stock: 52651 pcs</div><div>RFQ</div></div>     | <div><div><b>PIC24EP256MC206-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 64TQFP<br/>In stock: 22538 pcs</div><div>RFQ</div></div> |