



PIC24EP256MC204-E/MV

|                     |                                                                                                                                                                                                                                                         |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC24EP256MC204-E/MV                                                                                                                                                                                                                                    |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                                           |
| Product description | IC MCU 16BIT 256KB FLASH 48UQFN                                                                                                                                                                                                                         |
| Datasheets:         | <div><div>1.PIC24EP256MC204-E/MV.pdf</div><div>2.PIC24EP256MC204-E/MV.pdf</div></div> |
| RoHs Status         | <div><div></div>Lead free / RoHS Compliant</div>                                                                                                                       |
| Ship From           | Hong Kong                                                                                                                                                                                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                   |

REQUEST FOR QUOTATION

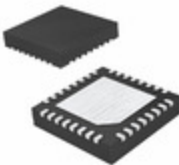
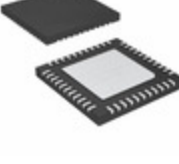
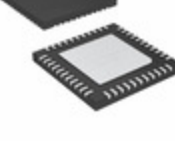
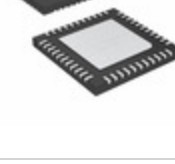
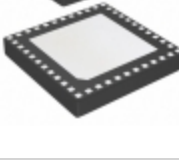
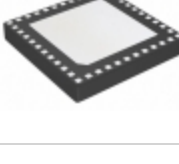
Specifications of PIC24EP256MC204-E/MV

|                                  |                                                                                                                                                                                                                                                             |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC24EP256MC204-E/MV                                                                                                                                                                                                                                        |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                               |
| DESCRIPTION                      | IC MCU 16BIT 256KB FLASH 48UQFN                                                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                  |
| DATA SHEET                       | <div><div>1.PIC24EP256MC204-E/MV.pdf</div><div>2.PIC24EP256MC204-E/MV.pdf</div></div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                                                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 48-UQFN (6x6)                                                                                                                                                                                                                                               |
| 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                        | Tube                                                                                                                                                                                                                                                        |
| PACKAGE / CASE                   | 48-UFQFN Exposed Pad                                                                                                                                                                                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                          |
| NUMBER OF I/O                    | 35                                                                                                                                                                                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                               |
| MANUFACTURER STANDARD LEAD TIME  | 6 Weeks                                                                                                                                                                                                                                                     |
| 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 48-UQFN (6x6)                                                                                                                                                                      |
| DATA CONVERTERS                  | A/D 9x10b/12b                                                                                                                                                                                                                                               |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                                                      |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                         |
| CONNECTIVITY                     | I²C, IrDA, LINbus, QEI, SPI, UART/USART                                                                                                                                                                                                                     |
| BASE PART NUMBER                 | PIC24EP256MC204                                                                                                                                                                                                                                             |

Related Tags

|                                                    |                                           |                                                             |
|----------------------------------------------------|-------------------------------------------|-------------------------------------------------------------|
| Micrel / Microchip Technology PIC24EP256MC204-E/MV | PIC24EP256MC204-E/MV Distributor          | PIC24EP256MC204-E/MV Supplier                               |
| PIC24EP256MC204-E/MV Price                         | PIC24EP256MC204-E/MV Pictures             | PIC24EP256MC204-E/MV Image                                  |
| PIC24EP256MC204-E/MV PDF Datasheet                 | PIC24EP256MC204-E/MV Download Datasheet   | PIC24EP256MC204-E/MV Datasheet                              |
| PIC24EP256MC204-E/MV Stock                         | Buy PIC24EP256MC204-E/MV                  | Buy Micrel / Microchip Technology PIC24EP256MC204-E/MV      |
| Micrel / Microchip Technology PIC24EP256MC204-E/MV | Micrel / Microchip Technology Supplier    | Micrel / Microchip Technology Distributor                   |
| Micrel / Microchip Technology PIC24EP256MC204-E/MV | Microchip Technology PIC24EP256MC204-E/MV | Roving Networks / Microchip Technology PIC24EP256MC204-E/MV |

Related Products

|                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                     |
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| <div></div> <div><b>PIC24EP256MC204-H/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 44TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>PIC24EP256MC202T-I/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 28QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>PIC24EP256MC202T-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 28SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>PIC24EP256MC204-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 44TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>PIC24EP256MC202T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 28SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>PIC24EP256MC204-H/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 44QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>PIC24EP256MC204-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 44QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>PIC24EP256MC202T-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 28SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>PIC24EP256MC204-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 44QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>PIC24EP256MC204-E/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 44VTLA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>PIC24EP256MC202T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 28SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>PIC24EP256MC204-H/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 44VTLA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |