



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC24EP512MC204T-I/MV

|                     |                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC24EP512MC204T-I/MV                                                                                                                                                                                                                                                                                                                                                                                    |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                            |
| Product description | IC MCU 16BIT 512KB FLASH 48UQFN <div> 1.PIC24EP512MC204T-I/MV.pdf<div> 2.PIC24EP512MC204T-I/MV.pdf<div> 3.PIC24EP512MC204T-I/MV.pdf</div></div></div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                          |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                             |
| Stock Condition     | 29683 pcs stock                                                                                                                                                                                                                                                                                                                                                                                          |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                    |

REQUEST FOR QUOTATION

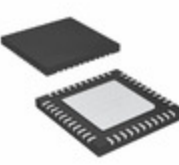
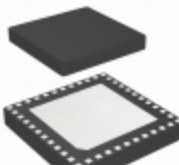
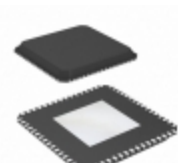
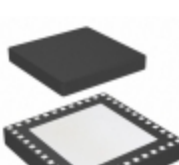
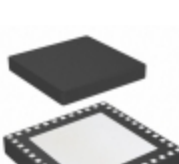
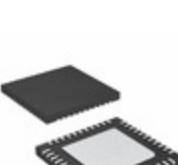
Specifications of PIC24EP512MC204T-I/MV

|                                  |                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC24EP512MC204T-I/MV                                                                                                                                                                                                                                                                                                                                                          |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                  |
| DESCRIPTION                      | IC MCU 16BIT 512KB FLASH 48UQFN                                                                                                                                                                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                     |
| QUANTITY AVAILABLE               | 29683 pcs                                                                                                                                                                                                                                                                                                                                                                      |
| DATA SHEET                       | <div> 1.PIC24EP512MC204T-I/MV.pdf<div> 2.PIC24EP512MC204T-I/MV.pdf<div> 3.PIC24EP512MC204T-I/MV.pdf</div></div></div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 48-UQFN (6x6)                                                                                                                                                                                                                                                                                                                                                                  |
| SPEED                            | 70 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                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                                                               |
| PACKAGE / CASE                   | 48-UFQFN Exposed Pad                                                                                                                                                                                                                                                                                                                                                           |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                              |
| NUMBER OF I/O                    | 35                                                                                                                                                                                                                                                                                                                                                                             |
| 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 70 MIPS 512KB (170K 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                 | PIC24EP512MC204                                                                                                                                                                                                                                                                                                                                                                |

Related Tags

|                                                     |                                            |                                                              |
|-----------------------------------------------------|--------------------------------------------|--------------------------------------------------------------|
| Micrel / Microchip Technology PIC24EP512MC204T-I/MV | PIC24EP512MC204T-I/MV Distributor          | PIC24EP512MC204T-I/MV Supplier                               |
| PIC24EP512MC204T-I/MV Price                         | PIC24EP512MC204T-I/MV Pictures             | PIC24EP512MC204T-I/MV Image                                  |
| PIC24EP512MC204T-I/MV PDF Datasheet                 | PIC24EP512MC204T-I/MV Download Datasheet   | PIC24EP512MC204T-I/MV Datasheet                              |
| PIC24EP512MC204T-I/MV Stock                         | Buy PIC24EP512MC204T-I/MV                  | Buy Micrel / Microchip Technology PIC24EP512MC204T-I/MV      |
| Micrel / Microchip Technology PIC24EP512MC204T-I/MV | Micrel / Microchip Technology Supplier     | Micrel / Microchip Technology Distributor                    |
| Micrel / Microchip Technology PIC24EP512MC204T-I/MV | Microchip Technology PIC24EP512MC204T-I/MV | Roving Networks / Microchip Technology PIC24EP512MC204T-I/MV |

Related Products

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| <div></div> <div><b>PIC24EP512MC204T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 512KB FLASH 44TQFP<br/>In stock: 2995 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>PIC24EP512MC204T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 512KB FLASH 44QFN<br/>In stock: 29768 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>PIC24EP512MC206-E/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 512KB FLASH 64QFN<br/>In stock: 21665 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>PIC24EP512MC204T-I/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 512KB FLASH 44VTLA<br/>In stock: 5834 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>PIC24EP512MC206-H/MR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 16BIT 512KB FLASH 64QFN<br/>In stock: 19733 pcs<br/><div>RFQ</div></div>           | <div></div> <div><b>PIC24EP512MC206-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 512KB FLASH 64TQFP<br/>In stock: 2843 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>PIC24EP512MC204T-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 512KB FLASH 44TQFP<br/>In stock: 4640 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>PIC24EP512MC204-I/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 512KB FLASH 44VTLA<br/>In stock: 2780 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>PIC24EP512MC204-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 512KB FLASH 44TQFP<br/>In stock: 28834 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>PIC24EP512MC204T-E/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 512KB FLASH 44VTLA<br/>In stock: 3930 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>PIC24EP512MC204T-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 512KB FLASH 44QFN<br/>In stock: 3117 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>PIC24EP512MC206-H/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 512KB FLASH 64TQFP<br/>In stock: 17791 pcs<br/><div>RFQ</div></div> |