



PIC24EP64MC204T-E/TL

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| Part Number:        | PIC24EP64MC204T-E/TL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Product description | IC MCU 16BIT 64KB FLASH 44VTLA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                     | <div><div></div><div>1.PIC24EP64MC204T-E/TL.pdf</div></div> <div><div></div><div>2.PIC24EP64MC204T-E/TL.pdf</div></div> <div><div></div><div>3.PIC24EP64MC204T-E/TL.pdf</div></div> <div><div></div><div>4.PIC24EP64MC204T-E/TL.pdf</div></div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RoHs Status         | <div><div></div>Lead free / RoHS Compliant</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Stock Condition     | 4815 pcs stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

REQUEST FOR QUOTATION

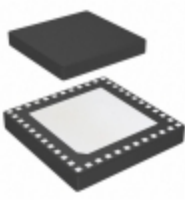
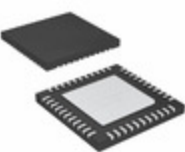
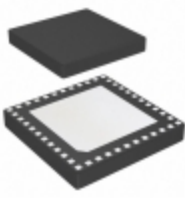
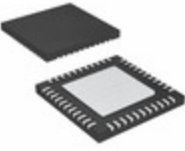
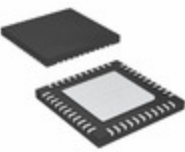
Specifications of PIC24EP64MC204T-E/TL

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC24EP64MC204T-E/TL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| DESCRIPTION                      | IC MCU 16BIT 64KB FLASH 44VTLA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| QUANTITY AVAILABLE               | 4815 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DATA SHEET                       | <div><div></div><div>1.PIC24EP64MC204T-E/TL.pdf</div></div> <div><div></div><div>2.PIC24EP64MC204T-E/TL.pdf</div></div> <div><div></div><div>3.PIC24EP64MC204T-E/TL.pdf</div></div> <div><div></div><div>4.PIC24EP64MC204T-E/TL.pdf</div></div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 44-VTLA (6x6)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| SPEED                            | 60 MIPS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| SERIES                           | PIC® 24EP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| RAM SIZE                         | 4K x 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| PROGRAM MEMORY SIZE              | 64KB (22K x 24)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PACKAGE / CASE                   | 44-VFTLA Exposed Pad                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 125°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 60 MIPS 64KB (22K x 24) FLASH 44-VTLA (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                 | PIC24EP64MC204                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

Related Tags

|                                                    |                                           |                                                             |
|----------------------------------------------------|-------------------------------------------|-------------------------------------------------------------|
| Micrel / Microchip Technology PIC24EP64MC204T-E/TL | PIC24EP64MC204T-E/TL Distributor          | PIC24EP64MC204T-E/TL Supplier                               |
| PIC24EP64MC204T-E/TL Price                         | PIC24EP64MC204T-E/TL Pictures             | PIC24EP64MC204T-E/TL Image                                  |
| PIC24EP64MC204T-E/TL PDF Datasheet                 | PIC24EP64MC204T-E/TL Download Datasheet   | PIC24EP64MC204T-E/TL Datasheet                              |
| PIC24EP64MC204T-E/TL Stock                         | Buy PIC24EP64MC204T-E/TL                  | Buy Micrel / Microchip Technology PIC24EP64MC204T-E/TL      |
| Micrel / Microchip Technology PIC24EP64MC204T-E/TL | Micrel / Microchip Technology Supplier    | Micrel / Microchip Technology Distributor                   |
| Micrel / Microchip Technology PIC24EP64MC204T-E/TL | Microchip Technology PIC24EP64MC204T-E/TL | Roving Networks / Microchip Technology PIC24EP64MC204T-E/TL |

Related Products

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| <div><div></div><div><div>PIC24EP64MC204T-I/TL</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 64KB FLASH 44VTLA</div><div>In stock: 38433 pcs</div><div>RFQ</div></div></div> | <div><div></div><div><div>PIC24EP64MC204-I/ML</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 64KB FLASH 44QFN</div><div>In stock: 41216 pcs</div><div>RFQ</div></div></div>   |
| <div><div></div><div><div>PIC24EP64MC204-I/TL</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 64KB FLASH 44VTLA</div><div>In stock: 41897 pcs</div><div>RFQ</div></div></div>  | <div><div></div><div><div>PIC24EP64MC204T-E/ML</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 64KB FLASH 44QFN</div><div>In stock: 4318 pcs</div><div>RFQ</div></div></div>   |
| <div><div></div><div><div>PIC24EP64MC204T-I/PT</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 64KB FLASH 44TQFP</div><div>In stock: 38984 pcs</div><div>RFQ</div></div></div> | <div><div></div><div><div>PIC24EP64MC204T-E/PT</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 64KB FLASH 44TQFP</div><div>In stock: 5296 pcs</div><div>RFQ</div></div></div>  |
| <div><div></div><div><div>PIC24EP64MC206-E/MR</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 64KB FLASH 64QFN</div><div>In stock: 37498 pcs</div><div>RFQ</div></div></div>   | <div><div></div><div><div>PIC24EP64MC204T-I/MV</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 64KB FLASH 48UQFN</div><div>In stock: 34849 pcs</div><div>RFQ</div></div></div> |
| <div><div></div><div><div>PIC24EP64MC204T-I/ML</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 64KB FLASH 44QFN</div><div>In stock: 36096 pcs</div><div>RFQ</div></div></div>  | <div><div></div><div><div>PIC24EP64MC204-I/PT</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 64KB FLASH 44TQFP</div><div>In stock: 31454 pcs</div><div>RFQ</div></div></div>  |
| <div><div></div><div><div>PIC24EP64MC206-E/PT</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 64KB FLASH 64TQFP</div><div>In stock: 35201 pcs</div><div>RFQ</div></div></div>  | <div><div></div><div><div>PIC24EP64MC204-I/MV</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 64KB FLASH 48UQFN</div><div>In stock: 35439 pcs</div><div>RFQ</div></div></div>  |