



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

DSPIC33EP128MC204T-I/MV

|                     |                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33EP128MC204T-I/MV                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                   |
| Product description | IC MCU 16BIT 128KB FLASH 48UQFN                                                                                 |
|                     |  1.DSPIC33EP128MC204T-I/MV.pdf |
|                     |  2.DSPIC33EP128MC204T-I/MV.pdf |
| Datasheets:         |                                                                                                                 |
| RoHs Status         |  Lead free / RoHS Compliant    |
| Stock Condition     | 41120 pcs stock                                                                                                 |
| Ship From           | Hong Kong                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                           |

REQUEST FOR QUOTATION

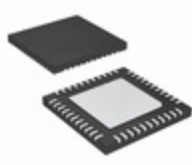
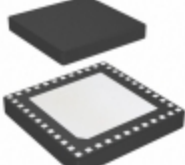
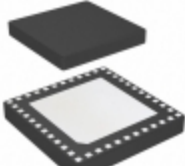
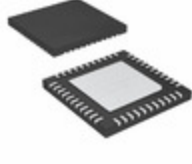
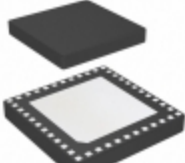
Specifications of DSPIC33EP128MC204T-I/MV

|                                  |                                                                                                                                                                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33EP128MC204T-I/MV                                                                                                                                                                                                                |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                          |
| DESCRIPTION                      | IC MCU 16BIT 128KB FLASH 48UQFN                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                             |
| QUANTITY AVAILABLE               | 41120 pcs                                                                                                                                                                                                                              |
| DATA SHEET                       |  1.DSPIC33EP128MC204T-I/MV.pdf<br> 2.DSPIC33EP128MC204T-I/MV.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 48-UQFN (6x6)                                                                                                                                                                                                                          |
| SPEED                            | 70 MIPs                                                                                                                                                                                                                                |
| SERIES                           | dsPIC™ 33EP                                                                                                                                                                                                                            |
| RAM SIZE                         | 8K x 16                                                                                                                                                                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                  |
| PROGRAM MEMORY SIZE              | 128KB (43K 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             | dsPIC dsPIC™ 33EP Microcontroller IC 16-Bit 70 MIPs 128KB (43K x 24) FLASH 48-UQFN (6x6)                                                                                                                                               |
| DATA CONVERTERS                  | A/D 9x10b/12b                                                                                                                                                                                                                          |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                                 |
| CORE PROCESSOR                   | dsPIC                                                                                                                                                                                                                                  |
| CONNECTIVITY                     | I²C, IrDA, LINbus, QEI, SPI, UART/USART                                                                                                                                                                                                |
| BASE PART NUMBER                 | DSPIC33EP128MC204                                                                                                                                                                                                                      |

Related Tags

|                                                       |                                              |                                                                |
|-------------------------------------------------------|----------------------------------------------|----------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33EP128MC204T-I/MV | DSPIC33EP128MC204T-I/MV Distributor          | DSPIC33EP128MC204T-I/MV Supplier                               |
| DSPIC33EP128MC204T-I/MV Price                         | DSPIC33EP128MC204T-I/MV Pictures             | DSPIC33EP128MC204T-I/MV Image                                  |
| DSPIC33EP128MC204T-I/MV PDF Datasheet                 | DSPIC33EP128MC204T-I/MV Download Datasheet   | DSPIC33EP128MC204T-I/MV Datasheet                              |
| DSPIC33EP128MC204T-I/MV Stock                         | Buy DSPIC33EP128MC204T-I/MV                  | Buy Micrel / Microchip Technology DSPIC33EP128MC204T-I/MV      |
| Micrel / Microchip Technology DSPIC33EP128MC204T-I/MV | Micrel / Microchip Technology Supplier       | Micrel / Microchip Technology Distributor                      |
| Micrel / Microchip Technology DSPIC33EP128MC204T-I/MV | Microchip Technology DSPIC33EP128MC204T-I/MV | Roving Networks / Microchip Technology DSPIC33EP128MC204T-I/MV |

Related Products

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|  <div>DSPIC33EP128MC204T-I/ML<br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 44QFN<br/>In stock: 32586 pcs<br/>RFQ</div> |  <div>DSPIC33EP128MC204-I/TL<br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 44VTLA<br/>In stock: 37894 pcs<br/>RFQ</div>  |
|  <div>DSPIC33EP128MC204-I/PT<br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 44TQFP<br/>In stock: 35223 pcs<br/>RFQ</div> |  <div>DSPIC33EP128MC206-H/MR<br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 64QFN<br/>In stock: 7099 pcs<br/>RFQ</div>    |
|  <div>DSPIC33EP128MC204T-E/PT<br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 44TQFP<br/>In stock: 4018 pcs<br/>RFQ</div> |  <div>DSPIC33EP128MC204T-I/PT<br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 44TQFP<br/>In stock: 33372 pcs<br/>RFQ</div> |
|  <div>DSPIC33EP128MC206-E/MR<br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 64QFN<br/>In stock: 33543 pcs<br/>RFQ</div>  |  <div>DSPIC33EP128MC204T-I/TL<br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 44VTLA<br/>In stock: 35789 pcs<br/>RFQ</div> |
|  <div>DSPIC33EP128MC204T-E/ML<br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 44QFN<br/>In stock: 3769 pcs<br/>RFQ</div>  |  <div>DSPIC33EP128MC206-H/PT<br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 64TQFP<br/>In stock: 6527 pcs<br/>RFQ</div>   |
|  <div>DSPIC33EP128MC206-E/PT<br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 64TQFP<br/>In stock: 3482 pcs<br/>RFQ</div>  |  <div>DSPIC33EP128MC204T-E/TL<br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 44VTLA<br/>In stock: 6685 pcs<br/>RFQ</div>  |