



DSPIC33EP64MC202-E/MM

|                     |                                                                                                               |
|---------------------|---------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33EP64MC202-E/MM                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                 |
| Product description | IC MCU 16BIT 64KB FLASH 28QFN                                                                                 |
|                     |  1.DSPIC33EP64MC202-E/MM.pdf |
|                     |  2.DSPIC33EP64MC202-E/MM.pdf |
|                     |  3.DSPIC33EP64MC202-E/MM.pdf |
| Datasheets:         |                                                                                                               |
| RoHs Status         |  Lead free / RoHS Compliant  |
| Stock Condition     | 31136 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                         |

REQUEST FOR QUOTATION

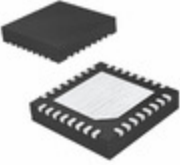
Specifications of DSPIC33EP64MC202-E/MM

|                                  |                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33EP64MC202-E/MM                                                                                                                                                                                                                                                                                                                                 |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                         |
| DESCRIPTION                      | IC MCU 16BIT 64KB FLASH 28QFN                                                                                                                                                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                            |
| QUANTITY AVAILABLE               | 31136 pcs                                                                                                                                                                                                                                                                                                                                             |
| DATA SHEET                       |  1.DSPIC33EP64MC202-E/MM.pdf<br> 2.DSPIC33EP64MC202-E/MM.pdf<br> 3.DSPIC33EP64MC202-E/MM.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 28-QFN-S (6x6)                                                                                                                                                                                                                                                                                                                                        |
| SPEED                            | 60 MIPs                                                                                                                                                                                                                                                                                                                                               |
| SERIES                           | dsPIC™ 33EP                                                                                                                                                                                                                                                                                                                                           |
| 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                        | Tube                                                                                                                                                                                                                                                                                                                                                  |
| PACKAGE / CASE                   | 28-VQFN Exposed Pad                                                                                                                                                                                                                                                                                                                                   |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                                                                                                                    |
| NUMBER OF I/O                    | 21                                                                                                                                                                                                                                                                                                                                                    |
| 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 60 MIPs 64KB (22K x 24) FLASH 28-QFN-S (6x6)                                                                                                                                                                                                                                                              |
| DATA CONVERTERS                  | A/D 6x10b/12b                                                                                                                                                                                                                                                                                                                                         |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                                                                                                                                                |
| CORE PROCESSOR                   | dsPIC                                                                                                                                                                                                                                                                                                                                                 |
| CONNECTIVITY                     | I²C, IrDA, LINbus, QEI, SPI, UART/USART                                                                                                                                                                                                                                                                                                               |
| BASE PART NUMBER                 | DSPIC33EP64MC202                                                                                                                                                                                                                                                                                                                                      |

Related Tags

|                                                     |                                            |                                                              |
|-----------------------------------------------------|--------------------------------------------|--------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33EP64MC202-E/MM | DSPIC33EP64MC202-E/MM Distributor          | DSPIC33EP64MC202-E/MM Supplier                               |
| DSPIC33EP64MC202-E/MM Price                         | DSPIC33EP64MC202-E/MM Pictures             | DSPIC33EP64MC202-E/MM Image                                  |
| DSPIC33EP64MC202-E/MM PDF Datasheet                 | DSPIC33EP64MC202-E/MM Download Datasheet   | DSPIC33EP64MC202-E/MM Datasheet                              |
| DSPIC33EP64MC202-E/MM Stock                         | Buy DSPIC33EP64MC202-E/MM                  | Buy Micrel / Microchip Technology DSPIC33EP64MC202-E/MM      |
| Micrel / Microchip Technology DSPIC33EP64MC202-E/MM | Micrel / Microchip Technology Supplier     | Micrel / Microchip Technology Distributor                    |
| Micrel / Microchip Technology DSPIC33EP64MC202-E/MM | Microchip Technology DSPIC33EP64MC202-E/MM | Roving Networks / Microchip Technology DSPIC33EP64MC202-E/MM |

Related Products

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| <div></div> <div>DSPIC33EP64MC202-E/SO</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 28SOIC</div> <div>In stock: 48231 pcs</div> <div>RFQ</div>           | <div>MICROCHIP</div> <div>DSPIC33EP64GS808-E/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 80TQFP</div> <div>In stock: 16827 pcs</div> <div>RFQ</div>  |
| <div>MICROCHIP</div> <div>DSPIC33EP64GS808T-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 80TQFP</div> <div>In stock: 18874 pcs</div> <div>RFQ</div> | <div>MICROCHIP</div> <div>DSPIC33EP64MC202-E/SP</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 28SDIP</div> <div>In stock: 35121 pcs</div> <div>RFQ</div>  |
| <div></div> <div>DSPIC33EP64MC202-E/SS</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 28SSOP</div> <div>In stock: 38816 pcs</div> <div>RFQ</div>           | <div>MICROCHIP</div> <div>DSPIC33EP64GS806-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 64TQFP</div> <div>In stock: 21427 pcs</div> <div>RFQ</div>  |
| <div></div> <div>DSPIC33EP64MC202-I/SO</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 28SOIC</div> <div>In stock: 38720 pcs</div> <div>RFQ</div>           | <div>MICROCHIP</div> <div>DSPIC33EP64GS808-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 80TQFP</div> <div>In stock: 21853 pcs</div> <div>RFQ</div>  |
| <div>MICROCHIP</div> <div>DSPIC33EP64MC202-I/SP</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 28SDIP</div> <div>In stock: 34047 pcs</div> <div>RFQ</div>  | <div>MICROCHIP</div> <div>DSPIC33EP64GS806-E/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 64TQFP</div> <div>In stock: 16238 pcs</div> <div>RFQ</div>  |
| <div></div> <div>DSPIC33EP64MC202-I/MM</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 28QFN</div> <div>In stock: 34232 pcs</div> <div>RFQ</div>            | <div>MICROCHIP</div> <div>DSPIC33EP64GS806T-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 64TQFP</div> <div>In stock: 23661 pcs</div> <div>RFQ</div> |