



DSPIC33EP256MC202-H/SO

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33EP256MC202-H/SO                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                  |
| Product description | IC MCU 16BIT 256KB FLASH 28SOIC                                                                                |
| Datasheets:         |  1.DSPIC33EP256MC202-H/SO.pdf |
|                     |  2.DSPIC33EP256MC202-H/SO.pdf |
| RoHs Status         |  Lead free / RoHS Compliant   |
| Stock Condition     | 3806 pcs stock                                                                                                 |
| Ship From           | Hong Kong                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                          |

REQUEST FOR QUOTATION

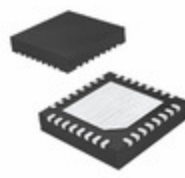
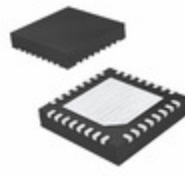
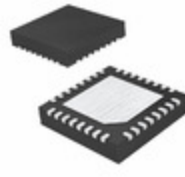
Specifications of DSPIC33EP256MC202-H/SO

|                                  |                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33EP256MC202-H/SO                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                    |
| DESCRIPTION                      | IC MCU 16BIT 256KB FLASH 28SOIC                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                       |
| QUANTITY AVAILABLE               | 3806 pcs                                                                                                         |
| DATA SHEET                       |  1.DSPIC33EP256MC202-H/SO.pdf |
|                                  |  2.DSPIC33EP256MC202-H/SO.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 28-SOIC                                                                                                          |
| SPEED                            | 60 MIPS                                                                                                          |
| SERIES                           | dsPIC™ 33EP                                                                                                      |
| 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                   | 28-SOIC (0.295", 7.50mm Width)                                                                                   |
| OSCILLATOR TYPE                  | Internal                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 150°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 256KB (85.5K x 24) FLASH 28-SOIC                             |
| DATA CONVERTERS                  | A/D 6x10b/12b                                                                                                    |
| CORE SIZE                        | 16-Bit                                                                                                           |
| CORE PROCESSOR                   | dsPIC                                                                                                            |
| CONNECTIVITY                     | I²C, IrDA, LINbus, QEI, SPI, UART/USART                                                                          |
| BASE PART NUMBER                 | DSPIC33EP256MC202                                                                                                |

Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33EP256MC202-H/SO | DSPIC33EP256MC202-H/SO Distributor          | DSPIC33EP256MC202-H/SO Supplier                               |
| DSPIC33EP256MC202-H/SO Price                         | DSPIC33EP256MC202-H/SO Pictures             | DSPIC33EP256MC202-H/SO Image                                  |
| DSPIC33EP256MC202-H/SO PDF Datasheet                 | DSPIC33EP256MC202-H/SO Download Datasheet   | DSPIC33EP256MC202-H/SO Datasheet                              |
| DSPIC33EP256MC202-H/SO Stock                         | Buy DSPIC33EP256MC202-H/SO                  | Buy Micrel / Microchip Technology DSPIC33EP256MC202-H/SO      |
| Micrel / Microchip Technology DSPIC33EP256MC202-H/SO | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology DSPIC33EP256MC202-H/SO | Microchip Technology DSPIC33EP256MC202-H/SO | Roving Networks / Microchip Technology DSPIC33EP256MC202-H/SO |

Related Products

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| <div></div> <div>DSPIC33EP256MC202-E/SS</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 28SSOP</div> <div>In stock: 30882 pcs</div> <div>RFQ</div> | <div></div> <div>DSPIC33EP256MC202-E/SO</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 28SOIC</div> <div>In stock: 36706 pcs</div> <div>RFQ</div> |
| <div></div> <div>DSPIC33EP256MC202-H/SS</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 28SSOP</div> <div>In stock: 7034 pcs</div> <div>RFQ</div>  | <div></div> <div>DSPIC33EP256MC202-I/SP</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 28SDIP</div> <div>In stock: 29980 pcs</div> <div>RFQ</div> |
| <div></div> <div>DSPIC33EP256MC202-E/SP</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 28SDIP</div> <div>In stock: 29763 pcs</div> <div>RFQ</div> | <div></div> <div>DSPIC33EP256GP506T-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 64TQFP</div> <div>In stock: 5387 pcs</div> <div>RFQ</div> |
| <div></div> <div>DSPIC33EP256MC202-E/MM</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 28QFN</div> <div>In stock: 31919 pcs</div> <div>RFQ</div>  | <div></div> <div>DSPIC33EP256MC202-H/SP</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 28SDIP</div> <div>In stock: 4997 pcs</div> <div>RFQ</div>  |
| <div></div> <div>DSPIC33EP256MC202-H/MM</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 28QFN</div> <div>In stock: 3593 pcs</div> <div>RFQ</div>   | <div></div> <div>DSPIC33EP256MC202-I/SO</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 28SOIC</div> <div>In stock: 33351 pcs</div> <div>RFQ</div> |
| <div></div> <div>DSPIC33EP256MC202-I/MM</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 28QFN</div> <div>In stock: 30140 pcs</div> <div>RFQ</div>  | <div></div> <div>DSPIC33EP256MC202-I/SS</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 28SSOP</div> <div>In stock: 40935 pcs</div> <div>RFQ</div> |