



DSPIC33EP256MC502T-I/SO

|                     |                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33EP256MC502T-I/SO                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                   |
| Product description | IC MCU 16BIT 256KB FLASH 28SOIC                                                                                 |
| Datasheets:         |  1.DSPIC33EP256MC502T-I/SO.pdf |
|                     |  2.DSPIC33EP256MC502T-I/SO.pdf |
| RoHs Status         |  Lead free / RoHS Compliant    |
| Stock Condition     | 35342 pcs stock                                                                                                 |
| Ship From           | Hong Kong                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                           |

REQUEST FOR QUOTATION

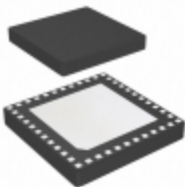
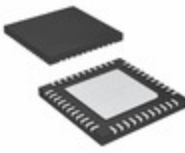
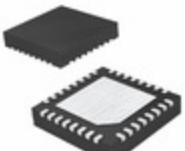
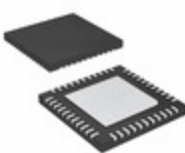
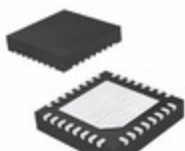
Specifications of DSPIC33EP256MC502T-I/SO

|                                  |                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33EP256MC502T-I/SO                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                     |
| DESCRIPTION                      | IC MCU 16BIT 256KB FLASH 28SOIC                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                        |
| QUANTITY AVAILABLE               | 35342 pcs                                                                                                         |
| DATA SHEET                       |  1.DSPIC33EP256MC502T-I/SO.pdf |
|                                  |  2.DSPIC33EP256MC502T-I/SO.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 28-SOIC                                                                                                           |
| SPEED                            | 70 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                        | Tape & Reel (TR)                                                                                                  |
| PACKAGE / CASE                   | 28-SOIC (0.295", 7.50mm Width)                                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 85°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 70 MIPS 256KB (85.5K x 24) FLASH 28-SOIC                              |
| DATA CONVERTERS                  | A/D 6x10b/12b                                                                                                     |
| CORE SIZE                        | 16-Bit                                                                                                            |
| CORE PROCESSOR                   | dsPIC                                                                                                             |
| CONNECTIVITY                     | CANbus, I²C, IrDA, LINbus, QEI, SPI, UART/USART                                                                   |
| BASE PART NUMBER                 | DSPIC33EP256MC502                                                                                                 |

Related Tags

|                                                       |                                              |                                                                |
|-------------------------------------------------------|----------------------------------------------|----------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33EP256MC502T-I/SO | DSPIC33EP256MC502T-I/SO Distributor          | DSPIC33EP256MC502T-I/SO Supplier                               |
| DSPIC33EP256MC502T-I/SO Price                         | DSPIC33EP256MC502T-I/SO Pictures             | DSPIC33EP256MC502T-I/SO Image                                  |
| DSPIC33EP256MC502T-I/SO PDF Datasheet                 | DSPIC33EP256MC502T-I/SO Download Datasheet   | DSPIC33EP256MC502T-I/SO Datasheet                              |
| DSPIC33EP256MC502T-I/SO Stock                         | Buy DSPIC33EP256MC502T-I/SO                  | Buy Micrel / Microchip Technology DSPIC33EP256MC502T-I/SO      |
| Micrel / Microchip Technology DSPIC33EP256MC502T-I/SO | Micrel / Microchip Technology Supplier       | Micrel / Microchip Technology Distributor                      |
| Micrel / Microchip Technology DSPIC33EP256MC502T-I/SO | Microchip Technology DSPIC33EP256MC502T-I/SO | Roving Networks / Microchip Technology DSPIC33EP256MC502T-I/SO |

Related Products

|                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                   |
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| <div></div> <div>DSPIC33EP256MC502-I/SP</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 28SDIP<br/>In stock: 23209 pcs</div> <div>RFQ</div> | <div></div> <div>DSPIC33EP256MC504-E/TL</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 44VTLA<br/>In stock: 4679 pcs</div> <div>RFQ</div>   |
| <div></div> <div>DSPIC33EP256MC504-H/ML</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 44QFN<br/>In stock: 3798 pcs</div> <div>RFQ</div>   | <div></div> <div>DSPIC33EP256MC502-I/SS</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 28SSOP<br/>In stock: 30646 pcs</div> <div>RFQ</div>  |
| <div></div> <div>DSPIC33EP256MC504-E/MV</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 48UQFN<br/>In stock: 27973 pcs</div> <div>RFQ</div> | <div></div> <div>DSPIC33EP256MC502T-E/MM</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 28QFN<br/>In stock: 6315 pcs</div> <div>RFQ</div>   |
| <div></div> <div>DSPIC33EP256MC504-E/ML</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 44QFN<br/>In stock: 21298 pcs</div> <div>RFQ</div>  | <div></div> <div>DSPIC33EP256MC502T-E/SO</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 28SOIC<br/>In stock: 4150 pcs</div> <div>RFQ</div>  |
| <div></div> <div>DSPIC33EP256MC502T-E/SS</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 28SSOP<br/>In stock: 6042 pcs</div> <div>RFQ</div> | <div></div> <div>DSPIC33EP256MC504-E/PT</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 44TQFP<br/>In stock: 5172 pcs</div> <div>RFQ</div>   |
| <div></div> <div>DSPIC33EP256MC502T-I/MM</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 28QFN<br/>In stock: 33024 pcs</div> <div>RFQ</div> | <div></div> <div>DSPIC33EP256MC502T-I/SS</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 28SSOP<br/>In stock: 28837 pcs</div> <div>RFQ</div> |