



DSPIC33EP256MC502-E/SS

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33EP256MC502-E/SS                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 16BIT 256KB FLASH 28SSOP                                                                              |
| Datasheets:         | <a href="#">1.DSPIC33EP256MC502-E/SS.pdf</a><br><a href="#">2.DSPIC33EP256MC502-E/SS.pdf</a>                 |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

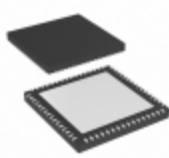
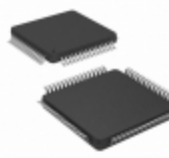
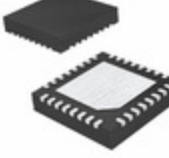
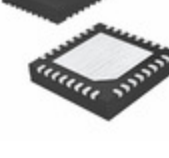
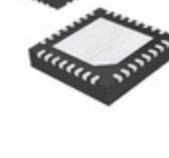
Specifications of DSPIC33EP256MC502-E/SS

|                                  |                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33EP256MC502-E/SS                                                                       |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                |
| DESCRIPTION                      | IC MCU 16BIT 256KB FLASH 28SSOP                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                   |
| DATA SHEET                       | <a href="#">1.DSPIC33EP256MC502-E/SS.pdf</a><br><a href="#">2.DSPIC33EP256MC502-E/SS.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 28-SSOP                                                                                      |
| 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-SSOP (0.209", 5.30mm Width)                                                               |
| OSCILLATOR TYPE                  | Internal                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                           |
| NUMBER OF I/O                    | 21                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                |
| MANUFACTURER STANDARD LEAD TIME  | 14 Weeks                                                                                     |
| 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-SSOP         |
| 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 DSPIC33EP256MC502-E/SS | DSPIC33EP256MC502-E/SS Distributor          | DSPIC33EP256MC502-E/SS Supplier                               |
| DSPIC33EP256MC502-E/SS Price                         | DSPIC33EP256MC502-E/SS Pictures             | DSPIC33EP256MC502-E/SS Image                                  |
| DSPIC33EP256MC502-E/SS PDF Datasheet                 | DSPIC33EP256MC502-E/SS Download Datasheet   | DSPIC33EP256MC502-E/SS Datasheet                              |
| DSPIC33EP256MC502-E/SS Stock                         | Buy DSPIC33EP256MC502-E/SS                  | Buy Micrel / Microchip Technology DSPIC33EP256MC502-E/SS      |
| Micrel / Microchip Technology DSPIC33EP256MC502-E/SS | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology DSPIC33EP256MC502-E/SS | Microchip Technology DSPIC33EP256MC502-E/SS | Roving Networks / Microchip Technology DSPIC33EP256MC502-E/SS |

Related Products

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| <div></div> <div><b>DSPIC33EP256MC206T-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 64QFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  | <div></div> <div><b>DSPIC33EP256MC206T-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 64TQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
| <div></div> <div><b>DSPIC33EP256MC502-E/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 28SDIP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  | <div></div> <div><b>DSPIC33EP256MC502-I/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 28QFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>   |
| <div></div> <div><b>DSPIC33EP256MC206T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 64TQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> | <div></div> <div><b>DSPIC33EP256MC502-H/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 28SDIP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
| <div></div> <div><b>DSPIC33EP256MC502-H/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 28QFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>   | <div></div> <div><b>DSPIC33EP256MC502-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 28SOIC<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
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