

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

## DSPIC33EP32GS202-E/SO

|                     |                                                                                                                             |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33EP32GS202-E/SO                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                               |
| Product description | IC MCU 16BIT 32KB FLASH 28SOIC                                                                                              |
| Datasheets:         |  <a href="#">DSPIC33EP32GS202-E/SO.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant                |
| Stock Condition     | 35586 pcs stock                                                                                                             |
| Ship From           | Hong Kong                                                                                                                   |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                       |

REQUEST FOR QUOTATION

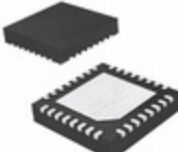
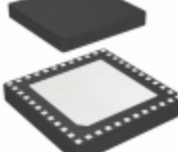
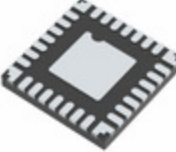
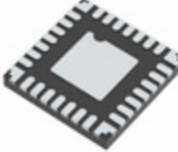
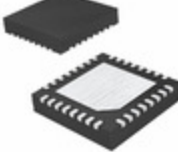
### Specifications of DSPIC33EP32GS202-E/SO

|                                  |                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33EP32GS202-E/SO                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                 |
| DESCRIPTION                      | IC MCU 16BIT 32KB FLASH 28SOIC                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                    |
| QUANTITY AVAILABLE               | 35586 pcs                                                                                                                     |
| DATA SHEET                       |  <a href="#">DSPIC33EP32GS202-E/SO.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 28-SOIC                                                                                                                       |
| SPEED                            | 60 MIPs                                                                                                                       |
| SERIES                           | Automotive, AEC-Q100, dsPIC™ 33EP                                                                                             |
| RAM SIZE                         | 2K x 8                                                                                                                        |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                         |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                                                |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                         |
| PACKAGING                        | Tube                                                                                                                          |
| PACKAGE / CASE                   | 28-SOIC (0.295", 7.50mm Width)                                                                                                |
| OSCILLATOR TYPE                  | Internal                                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                                                 |
| NUMBER OF I/O                    | 21                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                    |
| EEPROM SIZE                      | -                                                                                                                             |
| DETAILED DESCRIPTION             | dsPIC Automotive, AEC-Q100, dsPIC™ 33EP Microcontroller IC 16-Bit 60 MIPs 32KB (32K x 8) FLASH 28-SOIC                        |
| DATA CONVERTERS                  | A/D 12x12b, D/A 2x12b                                                                                                         |
| CORE SIZE                        | 16-Bit                                                                                                                        |
| CORE PROCESSOR                   | dsPIC                                                                                                                         |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                                            |
| BASE PART NUMBER                 | DSPIC33EP32GS202                                                                                                              |

### Related Tags

|                                                     |                                            |                                                              |
|-----------------------------------------------------|--------------------------------------------|--------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33EP32GS202-E/SO | DSPIC33EP32GS202-E/SO Distributor          | DSPIC33EP32GS202-E/SO Supplier                               |
| DSPIC33EP32GS202-E/SO Price                         | DSPIC33EP32GS202-E/SO Pictures             | DSPIC33EP32GS202-E/SO Image                                  |
| DSPIC33EP32GS202-E/SO PDF Datasheet                 | DSPIC33EP32GS202-E/SO Download Datasheet   | DSPIC33EP32GS202-E/SO Datasheet                              |
| DSPIC33EP32GS202-E/SO Stock                         | Buy DSPIC33EP32GS202-E/SO                  | Buy Micrel / Microchip Technology DSPIC33EP32GS202-E/SO      |
| Micrel / Microchip Technology DSPIC33EP32GS202-E/SO | Micrel / Microchip Technology Supplier     | Micrel / Microchip Technology Distributor                    |
| Micrel / Microchip Technology DSPIC33EP32GS202-E/SO | Microchip Technology DSPIC33EP32GS202-E/SO | Roving Networks / Microchip Technology DSPIC33EP32GS202-E/SO |

### Related Products

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                      |
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|  <div><b>DSPIC33EP32GP504T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 44TQFP<br/>In stock: 47811 pcs<br/><b>RFQ</b></div> |  <div><b>DSPIC33EP32GS202-E/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28QFN<br/>In stock: 28452 pcs<br/><b>RFQ</b></div>   |
|  <div><b>DSPIC33EP32GS202-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SOIC<br/>In stock: 27584 pcs<br/><b>RFQ</b></div>  |  <div><b>DSPIC33EP32GP504T-I/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 44VTLA<br/>In stock: 38118 pcs<br/><b>RFQ</b></div> |
|  <div><b>DSPIC33EP32GS202-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SSOP<br/>In stock: 29861 pcs<br/><b>RFQ</b></div>  |  <div><b>DSPIC33EP32GP504T-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 48UQFN<br/>In stock: 41898 pcs<br/><b>RFQ</b></div> |
|  <div><b>DSPIC33EP32GS202-I/M6</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28UQFN<br/>In stock: 36959 pcs<br/><b>RFQ</b></div>  |  <div><b>DSPIC33EP32GS202-E/M6</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28UQFN<br/>In stock: 32469 pcs<br/><b>RFQ</b></div>  |
|  <div><b>DSPIC33EP32GS202-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SSOP<br/>In stock: 32592 pcs<br/><b>RFQ</b></div>  |  <div><b>DSPIC33EP32GS202-I/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28QFN<br/>In stock: 30481 pcs<br/><b>RFQ</b></div>   |
|  <div><b>DSPIC33EP32GS202-I/MX</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28UQFN<br/>In stock: 32504 pcs<br/><b>RFQ</b></div>  |  <div><b>DSPIC33EP32GS202-E/MX</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28UQFN<br/>In stock: 35034 pcs<br/><b>RFQ</b></div>  |