



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

DSPIC33EP32GP502-I/SO

|                     |                                                                                                               |
|---------------------|---------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33EP32GP502-I/SO                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                 |
| Product description | IC MCU 16BIT 32KB FLASH 28SOIC                                                                                |
| Datasheets:         |  1.DSPIC33EP32GP502-I/SO.pdf |
|                     |  2.DSPIC33EP32GP502-I/SO.pdf |
| RoHS Status         |  Lead free / RoHS Compliant  |
| Ship From           | Hong Kong                                                                                                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                         |

REQUEST FOR QUOTATION

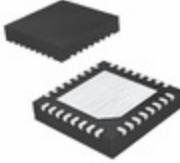
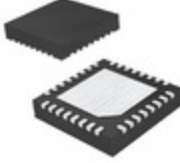
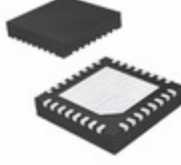
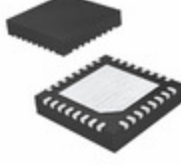
Specifications of DSPIC33EP32GP502-I/SO

|                                  |                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33EP32GP502-I/SO                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                   |
| DESCRIPTION                      | IC MCU 16BIT 32KB FLASH 28SOIC                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                      |
| DATA SHEET                       |  1.DSPIC33EP32GP502-I/SO.pdf |
|                                  |  2.DSPIC33EP32GP502-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                         | 2K x 16                                                                                                         |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                           |
| PROGRAM MEMORY SIZE              | 32KB (10.7K x 24)                                                                                               |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                                      |
| PACKAGING                        | Tube                                                                                                            |
| 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)                                                                                                   |
| MANUFACTURER STANDARD LEAD TIME  | 11 Weeks                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                      |
| EEPROM SIZE                      | -                                                                                                               |
| DETAILED DESCRIPTION             | dsPIC dsPIC™ 33EP Microcontroller IC 16-Bit 70 MIPs 32KB (10.7K x 24) FLASH 28-SOIC                             |
| DATA CONVERTERS                  | A/D 6x10b/12b                                                                                                   |
| CORE SIZE                        | 16-Bit                                                                                                          |
| CORE PROCESSOR                   | dsPIC                                                                                                           |
| CONNECTIVITY                     | CANbus, I²C, IrDA, LINbus, SPI, UART/USART                                                                      |
| BASE PART NUMBER                 | DSPIC33EP32GP502                                                                                                |

Related Tags

|                                                     |                                            |                                                              |
|-----------------------------------------------------|--------------------------------------------|--------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33EP32GP502-I/SO | DSPIC33EP32GP502-I/SO Distributor          | DSPIC33EP32GP502-I/SO Supplier                               |
| DSPIC33EP32GP502-I/SO Price                         | DSPIC33EP32GP502-I/SO Pictures             | DSPIC33EP32GP502-I/SO Image                                  |
| DSPIC33EP32GP502-I/SO PDF Datasheet                 | DSPIC33EP32GP502-I/SO Download Datasheet   | DSPIC33EP32GP502-I/SO Datasheet                              |
| DSPIC33EP32GP502-I/SO Stock                         | Buy DSPIC33EP32GP502-I/SO                  | Buy Micrel / Microchip Technology DSPIC33EP32GP502-I/SO      |
| Micrel / Microchip Technology DSPIC33EP32GP502-I/SO | Micrel / Microchip Technology Supplier     | Micrel / Microchip Technology Distributor                    |
| Micrel / Microchip Technology DSPIC33EP32GP502-I/SO | Microchip Technology DSPIC33EP32GP502-I/SO | Roving Networks / Microchip Technology DSPIC33EP32GP502-I/SO |

Related Products

|                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>DSPIC33EP32GP502-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>DSPIC33EP32GP502T-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>DSPIC33EP32GP502-H/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>DSPIC33EP32GP502-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SDIP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>DSPIC33EP32GP502T-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>DSPIC33EP32GP502-I/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28QFN<br/>In stock: 366 pcs<br/><div>RFQ</div></div>     |
|  <div><b>DSPIC33EP32GP502-H/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>DSPIC33EP32GP502T-I/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>DSPIC33EP32GP502T-E/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>DSPIC33EP32GP502-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SSOP<br/>In stock: 391 pcs<br/><div>RFQ</div></div>    |
|  <div><b>DSPIC33EP32GP502-H/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>DSPIC33EP32GP502-H/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SDIP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |