

MICROCHIP

Micrel / Microchip Technology



DSPIC33EP64GP502-I/SP

Part Number: DSPIC33EP64GP502-I/SP

Manufacturer/Brand: Micrel / Microchip Technology

Product description: IC MCU 16BIT 64KB FLASH 28SDIP

Datasheets: [1.DSPIC33EP64GP502-I/SP.pdf](#)  
[2.DSPIC33EP64GP502-I/SP.pdf](#)  
[3.DSPIC33EP64GP502-I/SP.pdf](#)

RoHs Status:  Lead free / RoHS Compliant

Stock Condition: 34090 pcs stock

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

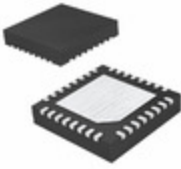
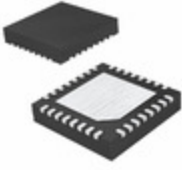
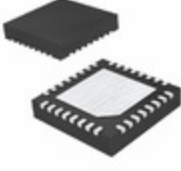
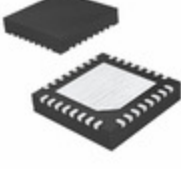
Specifications of DSPIC33EP64GP502-I/SP

|                                  |                                                                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33EP64GP502-I/SP                                                                                                                     |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                             |
| DESCRIPTION                      | IC MCU 16BIT 64KB FLASH 28SDIP                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                |
| QUANTITY AVAILABLE               | 34090 pcs                                                                                                                                 |
| DATA SHEET                       | <a href="#">1.DSPIC33EP64GP502-I/SP.pdf</a><br><a href="#">2.DSPIC33EP64GP502-I/SP.pdf</a><br><a href="#">3.DSPIC33EP64GP502-I/SP.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 28-SPDIP                                                                                                                                  |
| SPEED                            | 70 MIPS                                                                                                                                   |
| SERIES                           | dsPIC™ 33EP                                                                                                                               |
| RAM SIZE                         | 4K x 16                                                                                                                                   |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                     |
| PROGRAM MEMORY SIZE              | 64KB (22K x 24)                                                                                                                           |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                                                                |
| PACKAGING                        | Tube                                                                                                                                      |
| PACKAGE / CASE                   | 28-DIP (0.300", 7.62mm)                                                                                                                   |
| OTHER NAMES                      | DSPIC33EP64GP502ISP                                                                                                                       |
| 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 64KB (22K x 24) FLASH 28-SPDIP                                                        |
| DATA CONVERTERS                  | A/D 6x10b/12b                                                                                                                             |
| CORE SIZE                        | 16-Bit                                                                                                                                    |
| CORE PROCESSOR                   | dsPIC                                                                                                                                     |
| CONNECTIVITY                     | CANbus, I²C, IrDA, LINbus, SPI, UART/USART                                                                                                |
| BASE PART NUMBER                 | DSPIC33EP64GP502                                                                                                                          |

Related Tags

|                                                     |                                            |                                                              |
|-----------------------------------------------------|--------------------------------------------|--------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33EP64GP502-I/SP | DSPIC33EP64GP502-I/SP Distributor          | DSPIC33EP64GP502-I/SP Supplier                               |
| DSPIC33EP64GP502-I/SP Price                         | DSPIC33EP64GP502-I/SP Pictures             | DSPIC33EP64GP502-I/SP Image                                  |
| DSPIC33EP64GP502-I/SP PDF Datasheet                 | DSPIC33EP64GP502-I/SP Download Datasheet   | DSPIC33EP64GP502-I/SP Datasheet                              |
| DSPIC33EP64GP502-I/SP Stock                         | Buy DSPIC33EP64GP502-I/SP                  | Buy Micrel / Microchip Technology DSPIC33EP64GP502-I/SP      |
| Micrel / Microchip Technology DSPIC33EP64GP502-I/SP | Micrel / Microchip Technology Supplier     | Micrel / Microchip Technology Distributor                    |
| Micrel / Microchip Technology DSPIC33EP64GP502-I/SP | Microchip Technology DSPIC33EP64GP502-I/SP | Roving Networks / Microchip Technology DSPIC33EP64GP502-I/SP |

Related Products

|                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>DSPIC33EP64GP502T-E/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 28QFN<br/>In stock: 3155 pcs<br/>RFQ</div>  |  <div><b>DSPIC33EP64GP502T-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 28SOIC<br/>In stock: 6836 pcs<br/>RFQ</div>  |
|  <div><b>DSPIC33EP64GP502-E/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 28SDIP<br/>In stock: 38446 pcs<br/>RFQ</div> |  <div><b>DSPIC33EP64GP502T-I/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 28QFN<br/>In stock: 4600 pcs<br/>RFQ</div>   |
|  <div><b>DSPIC33EP64GP502-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 28SSOP<br/>In stock: 34240 pcs<br/>RFQ</div> |  <div><b>DSPIC33EP64GP502-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 28SSOP<br/>In stock: 36516 pcs<br/>RFQ</div>  |
|  <div><b>DSPIC33EP64GP502-I/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 28QFN<br/>In stock: 37174 pcs<br/>RFQ</div>  |  <div><b>DSPIC33EP64GP502-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 28SOIC<br/>In stock: 34863 pcs<br/>RFQ</div>  |
|  <div><b>DSPIC33EP64GP502-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 28SOIC<br/>In stock: 39496 pcs<br/>RFQ</div> |  <div><b>DSPIC33EP64GP502T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 28SSOP<br/>In stock: 42368 pcs<br/>RFQ</div> |
|  <div><b>DSPIC33EP64GP502-E/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 28QFN<br/>In stock: 41806 pcs<br/>RFQ</div>  |  <div><b>DSPIC33EP64GP502T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 28SOIC<br/>In stock: 3347 pcs<br/>RFQ</div>  |