

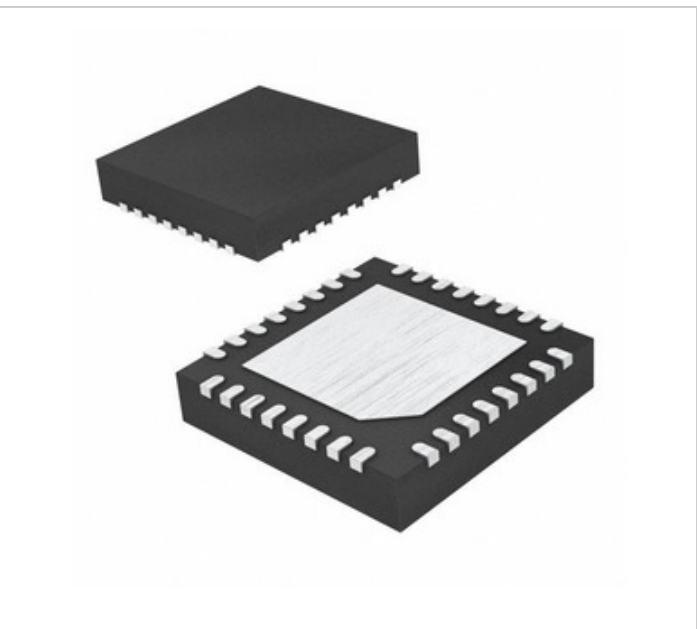


Image may be representation. See specifications for product details.

### DSPIC33EP64GP502T-E/MM

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33EP64GP502T-E/MM                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                  |
| Product description | IC MCU 16BIT 64KB FLASH 28QFN                                                                                  |
| Datasheets:         |  1.DSPIC33EP64GP502T-E/MM.pdf |
|                     |  2.DSPIC33EP64GP502T-E/MM.pdf |
|                     |  3.DSPIC33EP64GP502T-E/MM.pdf |
| RoHs Status         |  Lead free / RoHS Compliant   |
| Stock Condition     | 3155 pcs stock                                                                                                 |
| Ship From           | Hong Kong                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                          |

REQUEST FOR QUOTATION

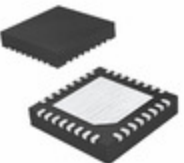
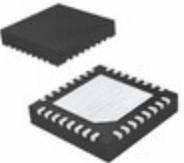
#### Specifications of DSPIC33EP64GP502T-E/MM

|                                  |                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33EP64GP502T-E/MM                                                                                                                                                                                                                                                                                                                                   |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                            |
| DESCRIPTION                      | IC MCU 16BIT 64KB FLASH 28QFN                                                                                                                                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 3155 pcs                                                                                                                                                                                                                                                                                                                                                 |
| DATA SHEET                       |  1.DSPIC33EP64GP502T-E/MM.pdf<br> 2.DSPIC33EP64GP502T-E/MM.pdf<br> 3.DSPIC33EP64GP502T-E/MM.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 28-QFN-S (6x6)                                                                                                                                                                                                                                                                                                                                           |
| SPEED                            | 60 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                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                                         |
| PACKAGE / CASE                   | 28-VQFN Exposed Pad                                                                                                                                                                                                                                                                                                                                      |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 125°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 60 MIPs 64KB (22K x 24) FLASH 28-QFN-S (6x6)                                                                                                                                                                                                                                                                 |
| 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 DSPIC33EP64GP502T-E/MM | DSPIC33EP64GP502T-E/MM Distributor          | DSPIC33EP64GP502T-E/MM Supplier                               |
| DSPIC33EP64GP502T-E/MM Price                         | DSPIC33EP64GP502T-E/MM Pictures             | DSPIC33EP64GP502T-E/MM Image                                  |
| DSPIC33EP64GP502T-E/MM PDF Datasheet                 | DSPIC33EP64GP502T-E/MM Download Datasheet   | DSPIC33EP64GP502T-E/MM Datasheet                              |
| DSPIC33EP64GP502T-E/MM Stock                         | Buy DSPIC33EP64GP502T-E/MM                  | Buy Micrel / Microchip Technology DSPIC33EP64GP502T-E/MM      |
| Micrel / Microchip Technology DSPIC33EP64GP502T-E/MM | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology DSPIC33EP64GP502T-E/MM | Microchip Technology DSPIC33EP64GP502T-E/MM | Roving Networks / Microchip Technology DSPIC33EP64GP502T-E/MM |

#### Related Products

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|  <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/><div>RFQ</div></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/><div>RFQ</div></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/><div>RFQ</div></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/><div>RFQ</div></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/><div>RFQ</div></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/><div>RFQ</div></div>  |
|  <div><b>DSPIC33EP64GP503-I/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 36VTLA<br/>In stock: 35569 pcs<br/><div>RFQ</div></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/><div>RFQ</div></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/><div>RFQ</div></div> |  <div><b>DSPIC33EP64GP502-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 28SDIP<br/>In stock: 34090 pcs<br/><div>RFQ</div></div>  |
|  <div><b>DSPIC33EP64GP503-E/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 36VTLA<br/>In stock: 4955 pcs<br/><div>RFQ</div></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/><div>RFQ</div></div>  |