



DSPIC33EP32GP502T-E/SO

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33EP32GP502T-E/SO                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                  |
| Product description | IC MCU 16BIT 32KB FLASH 28SOIC                                                                                 |
|                     |  1.DSPIC33EP32GP502T-E/SO.pdf |
|                     |  2.DSPIC33EP32GP502T-E/SO.pdf |
|                     |  3.DSPIC33EP32GP502T-E/SO.pdf |
| Datasheets:         |                                                                                                                |
| RoHs Status         |  Lead free / RoHS Compliant   |
| Stock Condition     | 5901 pcs stock                                                                                                 |
| Ship From           | Hong Kong                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                          |

REQUEST FOR QUOTATION

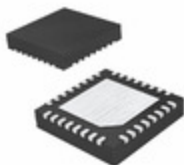
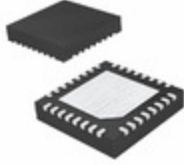
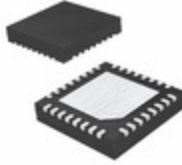
Specifications of DSPIC33EP32GP502T-E/SO

|                                  |                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33EP32GP502T-E/SO                                                                                                                                                                                                                                                                                                                                   |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                            |
| DESCRIPTION                      | IC MCU 16BIT 32KB FLASH 28SOIC                                                                                                                                                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 5901 pcs                                                                                                                                                                                                                                                                                                                                                 |
| DATA SHEET                       |  1.DSPIC33EP32GP502T-E/SO.pdf<br> 2.DSPIC33EP32GP502T-E/SO.pdf<br> 3.DSPIC33EP32GP502T-E/SO.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 28-SOIC                                                                                                                                                                                                                                                                                                                                                  |
| SPEED                            | 60 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                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                                         |
| PACKAGE / CASE                   | 28-SOIC (0.295", 7.50mm Width)                                                                                                                                                                                                                                                                                                                           |
| 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 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 DSPIC33EP32GP502T-E/SO | DSPIC33EP32GP502T-E/SO Distributor          | DSPIC33EP32GP502T-E/SO Supplier                               |
| DSPIC33EP32GP502T-E/SO Price                         | DSPIC33EP32GP502T-E/SO Pictures             | DSPIC33EP32GP502T-E/SO Image                                  |
| DSPIC33EP32GP502T-E/SO PDF Datasheet                 | DSPIC33EP32GP502T-E/SO Download Datasheet   | DSPIC33EP32GP502T-E/SO Datasheet                              |
| DSPIC33EP32GP502T-E/SO Stock                         | Buy DSPIC33EP32GP502T-E/SO                  | Buy Micrel / Microchip Technology DSPIC33EP32GP502T-E/SO      |
| Micrel / Microchip Technology DSPIC33EP32GP502T-E/SO | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology DSPIC33EP32GP502T-E/SO | Microchip Technology DSPIC33EP32GP502T-E/SO | Roving Networks / Microchip Technology DSPIC33EP32GP502T-E/SO |

Related Products

|                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                       |
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| <div></div> <div>DSPIC33EP32GP502T-I/MM</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 32KB FLASH 28QFN</div> <div>In stock: 51267 pcs</div> <div>RFQ</div>          | <div>MICROCHIP</div> <div>DSPIC33EP32GP503-H/TL</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 32KB FLASH 36VTLA</div> <div>In stock: 4015 pcs</div> <div>RFQ</div>  |
| <div></div> <div>DSPIC33EP32GP502-I/SO</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 32KB FLASH 28SOIC</div> <div>In stock: 36341 pcs</div> <div>RFQ</div>          | <div></div> <div>DSPIC33EP32GP502-I/SS</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 32KB FLASH 28SSOP</div> <div>In stock: 47791 pcs</div> <div>RFQ</div>          |
| <div></div> <div>DSPIC33EP32GP502T-I/SO</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 32KB FLASH 28SOIC</div> <div>In stock: 53016 pcs</div> <div>RFQ</div>         | <div></div> <div>DSPIC33EP32GP502T-I/SS</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 32KB FLASH 28SSOP</div> <div>In stock: 54301 pcs</div> <div>RFQ</div>         |
| <div></div> <div>DSPIC33EP32GP502T-E/MM</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 32KB FLASH 28QFN</div> <div>In stock: 4824 pcs</div> <div>RFQ</div>           | <div></div> <div>DSPIC33EP32GP502-H/SS</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 32KB FLASH 28SSOP</div> <div>In stock: 4354 pcs</div> <div>RFQ</div>           |
| <div>MICROCHIP</div> <div>DSPIC33EP32GP502-I/SP</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 32KB FLASH 28SDIP</div> <div>In stock: 39953 pcs</div> <div>RFQ</div> | <div>MICROCHIP</div> <div>DSPIC33EP32GP503-E/TL</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 32KB FLASH 36VTLA</div> <div>In stock: 46022 pcs</div> <div>RFQ</div> |
| <div></div> <div>DSPIC33EP32GP502T-E/SS</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 32KB FLASH 28SSOP</div> <div>In stock: 4219 pcs</div> <div>RFQ</div>          | <div></div> <div>DSPIC33EP32GP502-I/MM</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 32KB FLASH 28QFN</div> <div>In stock: 39157 pcs</div> <div>RFQ</div>           |