



Micrel / Microchip Technology



DSPIC33EP32GP503T-E/TL

|                     |                                                                                                                                        |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33EP32GP503T-E/TL                                                                                                                 |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                          |
| Product description | IC MCU 16BIT 32KB FLASH 36VTLA<br><a href="#">PDF</a> 1.DSPIC33EP32GP503T-E/TL.pdf<br><a href="#">PDF</a> 2.DSPIC33EP32GP503T-E/TL.pdf |
| Datasheets:         | <a href="#">PDF</a> 1.DSPIC33EP32GP503T-E/TL.pdf<br><a href="#">PDF</a> 2.DSPIC33EP32GP503T-E/TL.pdf                                   |
| RoHs Status         |  Lead free / RoHS Compliant                           |
| Ship From           | Hong Kong                                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                  |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

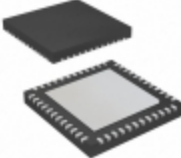
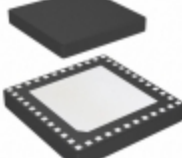
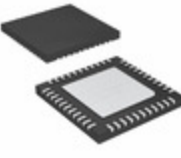
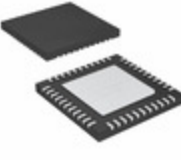
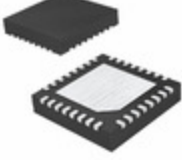
Specifications of DSPIC33EP32GP503T-E/TL

|                                  |                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33EP32GP503T-E/TL                                                                               |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                        |
| DESCRIPTION                      | IC MCU 16BIT 32KB FLASH 36VTLA                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                           |
| DATA SHEET                       | <a href="#">PDF</a> 1.DSPIC33EP32GP503T-E/TL.pdf<br><a href="#">PDF</a> 2.DSPIC33EP32GP503T-E/TL.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 36-VTLA (5x5)                                                                                        |
| 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                   | 36-VFTLA Exposed Pad                                                                                 |
| OSCILLATOR TYPE                  | Internal                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                   |
| NUMBER OF I/O                    | 25                                                                                                   |
| 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 36-VTLA (5x5)            |
| DATA CONVERTERS                  | A/D 8x10b/12b                                                                                        |
| CORE SIZE                        | 16-Bit                                                                                               |
| CORE PROCESSOR                   | dsPIC                                                                                                |
| CONNECTIVITY                     | CANbus, I²C, IrDA, LINbus, SPI, UART/USART                                                           |
| BASE PART NUMBER                 | DSPIC33EP32GP503                                                                                     |

Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33EP32GP503T-E/TL | DSPIC33EP32GP503T-E/TL Distributor          | DSPIC33EP32GP503T-E/TL Supplier                               |
| DSPIC33EP32GP503T-E/TL Price                         | DSPIC33EP32GP503T-E/TL Pictures             | DSPIC33EP32GP503T-E/TL Image                                  |
| DSPIC33EP32GP503T-E/TL PDF Datasheet                 | DSPIC33EP32GP503T-E/TL Download Datasheet   | DSPIC33EP32GP503T-E/TL Datasheet                              |
| DSPIC33EP32GP503T-E/TL Stock                         | Buy DSPIC33EP32GP503T-E/TL                  | Buy Micrel / Microchip Technology DSPIC33EP32GP503T-E/TL      |
| Micrel / Microchip Technology DSPIC33EP32GP503T-E/TL | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology DSPIC33EP32GP503T-E/TL | Microchip Technology DSPIC33EP32GP503T-E/TL | Roving Networks / Microchip Technology DSPIC33EP32GP503T-E/TL |

Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>DSPIC33EP32GP503T-I/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 36VTLA<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>DSPIC33EP32GP504-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 44TQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>DSPIC33EP32GP504-E/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 48UQFN<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>DSPIC33EP32GP504-E/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 44VTLA<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>DSPIC33EP32GP502T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SOIC<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>DSPIC33EP32GP503-I/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 36VTLA<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>DSPIC33EP32GP504-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 44QFN<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>DSPIC33EP32GP503-H/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 36VTLA<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>DSPIC33EP32GP504-H/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 44QFN<br/>In stock: Out stock<br/>RFQ</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/>RFQ</div> |
|  <div><b>DSPIC33EP32GP502T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SSOP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>DSPIC33EP32GP503-E/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 36VTLA<br/>In stock: Out stock<br/>RFQ</div> |