



Micrel / Microchip Technology

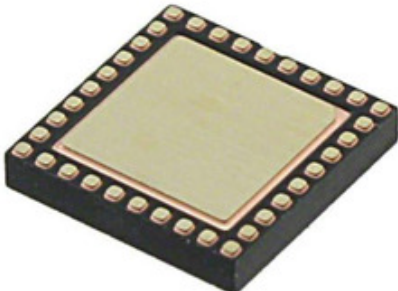


Image may be representation. See specifications for product details.

DSPIC33EP64GP503T-E/TL

|                     |                                                                                                                                                                                |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33EP64GP503T-E/TL                                                                                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                  |
| Product description | IC MCU 16BIT 64KB FLASH 36VTLA<br><a href="#">1.DSPIC33EP64GP503T-E/TL.pdf</a><br><a href="#">2.DSPIC33EP64GP503T-E/TL.pdf</a><br><a href="#">3.DSPIC33EP64GP503T-E/TL.pdf</a> |
| Datasheets:         | <a href="#">1.DSPIC33EP64GP503T-E/TL.pdf</a><br><a href="#">2.DSPIC33EP64GP503T-E/TL.pdf</a><br><a href="#">3.DSPIC33EP64GP503T-E/TL.pdf</a>                                   |
| RoHs Status         |  Lead free / RoHS Compliant                                                                   |
| Stock Condition     | 5432 pcs stock                                                                                                                                                                 |
| Ship From           | Hong Kong                                                                                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                          |

REQUEST FOR QUOTATION

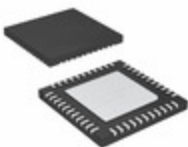
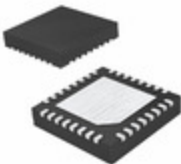
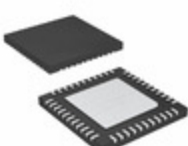
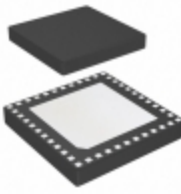
Specifications of DSPIC33EP64GP503T-E/TL

|                                  |                                                                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33EP64GP503T-E/TL                                                                                                                       |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                |
| DESCRIPTION                      | IC MCU 16BIT 64KB FLASH 36VTLA                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                   |
| QUANTITY AVAILABLE               | 5432 pcs                                                                                                                                     |
| DATA SHEET                       | <a href="#">1.DSPIC33EP64GP503T-E/TL.pdf</a><br><a href="#">2.DSPIC33EP64GP503T-E/TL.pdf</a><br><a href="#">3.DSPIC33EP64GP503T-E/TL.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 36-VTLA (5x5)                                                                                                                                |
| 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                   | 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 64KB (22K 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                 | DSPIC33EP64GP503                                                                                                                             |

Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33EP64GP503T-E/TL | DSPIC33EP64GP503T-E/TL Distributor          | DSPIC33EP64GP503T-E/TL Supplier                               |
| DSPIC33EP64GP503T-E/TL Price                         | DSPIC33EP64GP503T-E/TL Pictures             | DSPIC33EP64GP503T-E/TL Image                                  |
| DSPIC33EP64GP503T-E/TL PDF Datasheet                 | DSPIC33EP64GP503T-E/TL Download Datasheet   | DSPIC33EP64GP503T-E/TL Datasheet                              |
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| Micrel / Microchip Technology DSPIC33EP64GP503T-E/TL | Microchip Technology DSPIC33EP64GP503T-E/TL | Roving Networks / Microchip Technology DSPIC33EP64GP503T-E/TL |

Related Products

|                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                               |
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| <div></div> <div>DSPIC33EP64GP504-E/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 44TQFP</div> <div>In stock: 36636 pcs</div> <div>RFQ</div> | <div></div> <div>DSPIC33EP64GP504-E/MV</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 48UQFN</div> <div>In stock: 34254 pcs</div> <div>RFQ</div>  |
| <div></div> <div>DSPIC33EP64GP503T-I/TL</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 36VTLA</div> <div>In stock: 5262 pcs</div> <div>RFQ</div> | <div></div> <div>DSPIC33EP64GP504-I/ML</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 44QFN</div> <div>In stock: 30897 pcs</div> <div>RFQ</div>   |
| <div></div> <div>DSPIC33EP64GP503-E/TL</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 36VTLA</div> <div>In stock: 4955 pcs</div> <div>RFQ</div>  | <div></div> <div>DSPIC33EP64GP502T-E/SO</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 28SOIC</div> <div>In stock: 6836 pcs</div> <div>RFQ</div>  |
| <div></div> <div>DSPIC33EP64GP502T-I/MM</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 28QFN</div> <div>In stock: 4600 pcs</div> <div>RFQ</div>  | <div></div> <div>DSPIC33EP64GP504-E/ML</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 44QFN</div> <div>In stock: 35244 pcs</div> <div>RFQ</div>   |
| <div></div> <div>DSPIC33EP64GP504-E/TL</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 44VTLA</div> <div>In stock: 3260 pcs</div> <div>RFQ</div>  | <div></div> <div>DSPIC33EP64GP503-I/TL</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 36VTLA</div> <div>In stock: 35569 pcs</div> <div>RFQ</div>  |
| <div></div> <div>DSPIC33EP64GP502T-I/SO</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 28SOIC</div> <div>In stock: 3347 pcs</div> <div>RFQ</div> | <div></div> <div>DSPIC33EP64GP502T-I/SS</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 28SSOP</div> <div>In stock: 42368 pcs</div> <div>RFQ</div> |