



DSPIC33EP64GP504T-E/PT

|                     |                                                  |
|---------------------|--------------------------------------------------|
| Part Number:        | DSPIC33EP64GP504T-E/PT                           |
| Manufacturer/Brand: | Micrel / Microchip Technology                    |
| Product description | IC MCU 16BIT 64KB FLASH 44TQFP                   |
|                     | <a href="#">PDF</a> 1.DSPIC33EP64GP504T-E/PT.pdf |
|                     | <a href="#">PDF</a> 2.DSPIC33EP64GP504T-E/PT.pdf |
|                     | <a href="#">PDF</a> 3.DSPIC33EP64GP504T-E/PT.pdf |
| Datasheets:         |                                                  |
| RoHs Status         | Lead free / RoHS Compliant                       |
| Ship From           | Hong Kong                                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                            |

REQUEST FOR QUOTATION

Specifications of DSPIC33EP64GP504T-E/PT

|                                  |                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33EP64GP504T-E/PT                                                                    |
| MANUFACTURER                     | Micrel / Microchip Technology                                                             |
| DESCRIPTION                      | IC MCU 16BIT 64KB FLASH 44TQFP                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                |
| DATA SHEET                       | <a href="#">PDF</a> 1.DSPIC33EP64GP504T-E/PT.pdf                                          |
|                                  | <a href="#">PDF</a> 2.DSPIC33EP64GP504T-E/PT.pdf                                          |
|                                  | <a href="#">PDF</a> 3.DSPIC33EP64GP504T-E/PT.pdf                                          |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                               |
| SUPPLIER DEVICE PACKAGE          | 44-TQFP (10x10)                                                                           |
| 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                   | 44-TQFP                                                                                   |
| OSCILLATOR TYPE                  | Internal                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                        |
| NUMBER OF I/O                    | 35                                                                                        |
| 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 44-TQFP (10x10) |
| DATA CONVERTERS                  | A/D 9x10b/12b                                                                             |
| CORE SIZE                        | 16-Bit                                                                                    |
| CORE PROCESSOR                   | dsPIC                                                                                     |
| CONNECTIVITY                     | CANbus, I²C, IrDA, LINbus, SPI, UART/USART                                                |
| BASE PART NUMBER                 | DSPIC33EP64GP504                                                                          |

Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33EP64GP504T-E/PT | DSPIC33EP64GP504T-E/PT Distributor          | DSPIC33EP64GP504T-E/PT Supplier                               |
| DSPIC33EP64GP504T-E/PT Price                         | DSPIC33EP64GP504T-E/PT Pictures             | DSPIC33EP64GP504T-E/PT Image                                  |
| DSPIC33EP64GP504T-E/PT PDF Datasheet                 | DSPIC33EP64GP504T-E/PT Download Datasheet   | DSPIC33EP64GP504T-E/PT Datasheet                              |
| DSPIC33EP64GP504T-E/PT Stock                         | Buy DSPIC33EP64GP504T-E/PT                  | Buy Micrel / Microchip Technology DSPIC33EP64GP504T-E/PT      |
| Micrel / Microchip Technology DSPIC33EP64GP504T-E/PT | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology DSPIC33EP64GP504T-E/PT | Microchip Technology DSPIC33EP64GP504T-E/PT | Roving Networks / Microchip Technology DSPIC33EP64GP504T-E/PT |

Related Products

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>DSPIC33EP64GP504T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 44QFN<br/>In stock: Out stock</p> <p>RFQ</p>  | <p><b>DSPIC33EP64GP504-E/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 44VTLA<br/>In stock: Out stock</p> <p>RFQ</p>  |
| <p><b>DSPIC33EP64GP504T-I/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 44VTLA<br/>In stock: Out stock</p> <p>RFQ</p> | <p><b>DSPIC33EP64GP504T-E/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 44VTLA<br/>In stock: Out stock</p> <p>RFQ</p> |
| <p><b>DSPIC33EP64GP504T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 44TQFP<br/>In stock: Out stock</p> <p>RFQ</p> | <p><b>DSPIC33EP64GP504-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 44TQFP<br/>In stock: 295 pcs</p> <p>RFQ</p>    |
| <p><b>DSPIC33EP64GP504-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 48UQFN<br/>In stock: Out stock</p> <p>RFQ</p>  | <p><b>DSPIC33EP64GP504T-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 48UQFN<br/>In stock: Out stock</p> <p>RFQ</p> |
| <p><b>DSPIC33EP64GP506-E/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 64QFN<br/>In stock: Out stock</p> <p>RFQ</p>   | <p><b>DSPIC33EP64GP504-I/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 44VTLA<br/>In stock: Out stock</p> <p>RFQ</p>  |
| <p><b>DSPIC33EP64GP504T-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 44QFN<br/>In stock: Out stock</p> <p>RFQ</p>  | <p><b>DSPIC33EP64GP504-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 44QFN<br/>In stock: 7 pcs</p> <p>RFQ</p>       |