



### DSPIC33EP32GP504-E/PT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33EP32GP504-E/PT                                                                                        |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 16BIT 32KB FLASH 44TQFP                                                                               |
| Datasheets:         | <a href="#">1.DSPIC33EP32GP504-E/PT.pdf</a><br><a href="#">2.DSPIC33EP32GP504-E/PT.pdf</a>                   |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 41087 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

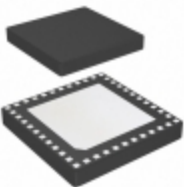
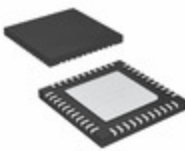
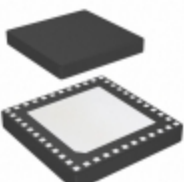
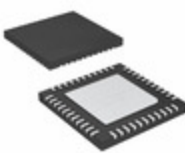
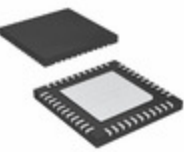
#### Specifications of DSPIC33EP32GP504-E/PT

|                                  |                                                                                             |
|----------------------------------|---------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33EP32GP504-E/PT                                                                       |
| MANUFACTURER                     | Micrel / Microchip Technology                                                               |
| DESCRIPTION                      | IC MCU 16BIT 32KB FLASH 44TQFP                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                  |
| QUANTITY AVAILABLE               | 41087 pcs                                                                                   |
| DATA SHEET                       | <a href="#">1.DSPIC33EP32GP504-E/PT.pdf</a><br><a href="#">2.DSPIC33EP32GP504-E/PT.pdf</a>  |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 44-TQFP (10x10)                                                                             |
| 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                        | Tray                                                                                        |
| 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 32KB (10.7K 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                 | DSPIC33EP32GP504                                                                            |

#### Related Tags

|                                                     |                                            |                                                              |
|-----------------------------------------------------|--------------------------------------------|--------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33EP32GP504-E/PT | DSPIC33EP32GP504-E/PT Distributor          | DSPIC33EP32GP504-E/PT Supplier                               |
| DSPIC33EP32GP504-E/PT Price                         | DSPIC33EP32GP504-E/PT Pictures             | DSPIC33EP32GP504-E/PT Image                                  |
| DSPIC33EP32GP504-E/PT PDF Datasheet                 | DSPIC33EP32GP504-E/PT Download Datasheet   | DSPIC33EP32GP504-E/PT Datasheet                              |
| DSPIC33EP32GP504-E/PT Stock                         | Buy DSPIC33EP32GP504-E/PT                  | Buy Micrel / Microchip Technology DSPIC33EP32GP504-E/PT      |
| Micrel / Microchip Technology DSPIC33EP32GP504-E/PT | Micrel / Microchip Technology Supplier     | Micrel / Microchip Technology Distributor                    |
| Micrel / Microchip Technology DSPIC33EP32GP504-E/PT | Microchip Technology DSPIC33EP32GP504-E/PT | Roving Networks / Microchip Technology DSPIC33EP32GP504-E/PT |

#### Related Products

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|  <div><b>DSPIC33EP32GP504-E/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 44VTLA<br/>In stock: 44880 pcs<br/>RFQ</div>  |  <div><b>DSPIC33EP32GP504-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 44QFN<br/>In stock: 48054 pcs<br/>RFQ</div>  |
|  <div><b>DSPIC33EP32GP503T-I/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 36VTLA<br/>In stock: 43175 pcs<br/>RFQ</div> |  <div><b>DSPIC33EP32GP503T-E/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 36VTLA<br/>In stock: 5966 pcs<br/>RFQ</div> |
|  <div><b>DSPIC33EP32GP504-H/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 44TQFP<br/>In stock: 3705 pcs<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: 37694 pcs<br/>RFQ</div> |
|  <div><b>DSPIC33EP32GP504-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 48UQFN<br/>In stock: 48123 pcs<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: 45311 pcs<br/>RFQ</div> |
|  <div><b>DSPIC33EP32GP504-H/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 44VTLA<br/>In stock: 4973 pcs<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: 4948 pcs<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: 35236 pcs<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: 4015 pcs<br/>RFQ</div>  |