



DSPIC33EP32GP504T-I/TL

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33EP32GP504T-I/TL                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                  |
| Product description | IC MCU 16BIT 32KB FLASH 44VTLA                                                                                 |
| Datasheets:         |  1.DSPIC33EP32GP504T-I/TL.pdf |
|                     |  2.DSPIC33EP32GP504T-I/TL.pdf |
| RoHs Status         |  Lead free / RoHS Compliant   |
| Stock Condition     | 38118 pcs stock                                                                                                |
| Ship From           | Hong Kong                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                          |

REQUEST FOR QUOTATION

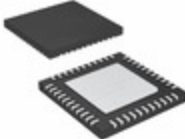
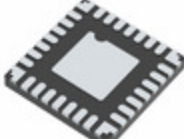
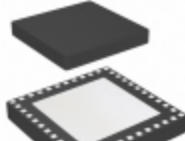
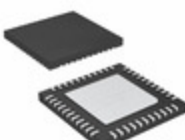
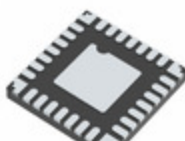
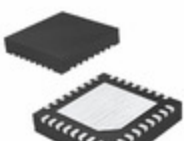
Specifications of DSPIC33EP32GP504T-I/TL

|                                  |                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33EP32GP504T-I/TL                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                    |
| DESCRIPTION                      | IC MCU 16BIT 32KB FLASH 44VTLA                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                       |
| QUANTITY AVAILABLE               | 38118 pcs                                                                                                        |
| DATA SHEET                       |  1.DSPIC33EP32GP504T-I/TL.pdf |
|                                  |  2.DSPIC33EP32GP504T-I/TL.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 44-VTLA (6x6)                                                                                                    |
| SPEED                            | 70 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                   | 44-VFTLA Exposed Pad                                                                                             |
| OSCILLATOR TYPE                  | Internal                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                |
| NUMBER OF I/O                    | 35                                                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                       |
| EEPROM SIZE                      | -                                                                                                                |
| DETAILED DESCRIPTION             | dsPIC dsPIC™ 33EP Microcontroller IC 16-Bit 70 MIPS 32KB (10.7K x 24) FLASH 44-VTLA (6x6)                        |
| 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 DSPIC33EP32GP504T-I/TL | DSPIC33EP32GP504T-I/TL Distributor          | DSPIC33EP32GP504T-I/TL Supplier                               |
| DSPIC33EP32GP504T-I/TL Price                         | DSPIC33EP32GP504T-I/TL Pictures             | DSPIC33EP32GP504T-I/TL Image                                  |
| DSPIC33EP32GP504T-I/TL PDF Datasheet                 | DSPIC33EP32GP504T-I/TL Download Datasheet   | DSPIC33EP32GP504T-I/TL Datasheet                              |
| DSPIC33EP32GP504T-I/TL Stock                         | Buy DSPIC33EP32GP504T-I/TL                  | Buy Micrel / Microchip Technology DSPIC33EP32GP504T-I/TL      |
| Micrel / Microchip Technology DSPIC33EP32GP504T-I/TL | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology DSPIC33EP32GP504T-I/TL | Microchip Technology DSPIC33EP32GP504T-I/TL | Roving Networks / Microchip Technology DSPIC33EP32GP504T-I/TL |

Related Products

|                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div>DSPIC33EP32GP504T-I/MV</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 32KB FLASH 48UQFN</div> <div>In stock: 41898 pcs</div> <div>RFQ</div> | <div></div> <div>DSPIC33EP32GS202-E/SO</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 32KB FLASH 28SOIC</div> <div>In stock: 35586 pcs</div> <div>RFQ</div>  |
| <div></div> <div>DSPIC33EP32GP504T-I/ML</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 32KB FLASH 44QFN</div> <div>In stock: 39674 pcs</div> <div>RFQ</div>  | <div></div> <div>DSPIC33EP32GS202-E/MX</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 32KB FLASH 28UQFN</div> <div>In stock: 35034 pcs</div> <div>RFQ</div>  |
| <div></div> <div>DSPIC33EP32GP504T-E/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 32KB FLASH 44TQFP</div> <div>In stock: 5477 pcs</div> <div>RFQ</div>  | <div></div> <div>DSPIC33EP32GS202-E/M6</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 32KB FLASH 28UQFN</div> <div>In stock: 32469 pcs</div> <div>RFQ</div>  |
| <div></div> <div>DSPIC33EP32GP504T-E/TL</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 32KB FLASH 44VTLA</div> <div>In stock: 6225 pcs</div> <div>RFQ</div>  | <div></div> <div>DSPIC33EP32GS202-E/SS</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 32KB FLASH 28SSOP</div> <div>In stock: 29861 pcs</div> <div>RFQ</div>  |
| <div></div> <div>DSPIC33EP32GP504T-E/ML</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 32KB FLASH 44QFN</div> <div>In stock: 6921 pcs</div> <div>RFQ</div>   | <div></div> <div>DSPIC33EP32GP504T-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 32KB FLASH 44TQFP</div> <div>In stock: 47811 pcs</div> <div>RFQ</div> |
| <div></div> <div>DSPIC33EP32GS202-I/M6</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 32KB FLASH 28UQFN</div> <div>In stock: 36959 pcs</div> <div>RFQ</div>  | <div></div> <div>DSPIC33EP32GS202-E/MM</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 32KB FLASH 28QFN</div> <div>In stock: 28452 pcs</div> <div>RFQ</div>   |