



DSPIC33EP256GP504-I/TL

|                     |                                                                                                                                   |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33EP256GP504-I/TL                                                                                                            |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                     |
| Product description | IC MCU 16BIT 256KB FLASH 44VTLA                                                                                                   |
| Datasheets:         | <div><div>PDF</div><div>1.DSPIC33EP256GP504-I/TL.pdf</div></div> <div><div>PDF</div><div>2.DSPIC33EP256GP504-I/TL.pdf</div></div> |
| RoHs Status         | <div><div>RoHS</div><div>Lead free / RoHS Compliant</div></div>                                                                   |
| Stock Condition     | 24127 pcs stock                                                                                                                   |
| Ship From           | Hong Kong                                                                                                                         |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                             |

REQUEST FOR QUOTATION

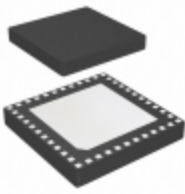
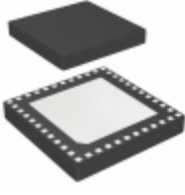
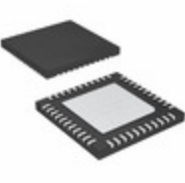
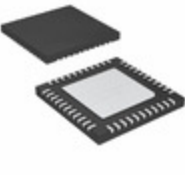
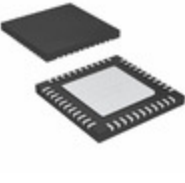
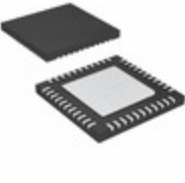
Specifications of DSPIC33EP256GP504-I/TL

|                                  |                                                                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33EP256GP504-I/TL                                                                                                            |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                     |
| DESCRIPTION                      | IC MCU 16BIT 256KB FLASH 44VTLA                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                        |
| QUANTITY AVAILABLE               | 24127 pcs                                                                                                                         |
| DATA SHEET                       | <div><div>PDF</div><div>1.DSPIC33EP256GP504-I/TL.pdf</div></div> <div><div>PDF</div><div>2.DSPIC33EP256GP504-I/TL.pdf</div></div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 44-VTLA (6x6)                                                                                                                     |
| SPEED                            | 70 MIPS                                                                                                                           |
| SERIES                           | dsPIC™ 33EP                                                                                                                       |
| RAM SIZE                         | 16K x 16                                                                                                                          |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                             |
| PROGRAM MEMORY SIZE              | 256KB (85.5K x 24)                                                                                                                |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                                                        |
| PACKAGING                        | Tube                                                                                                                              |
| 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) | 1 (Unlimited)                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                        |
| EEPROM SIZE                      | -                                                                                                                                 |
| DETAILED DESCRIPTION             | dsPIC dsPIC™ 33EP Microcontroller IC 16-Bit 70 MIPS 256KB (85.5K 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                 | DSPIC33EP256GP504                                                                                                                 |

Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33EP256GP504-I/TL | DSPIC33EP256GP504-I/TL Distributor          | DSPIC33EP256GP504-I/TL Supplier                               |
| DSPIC33EP256GP504-I/TL Price                         | DSPIC33EP256GP504-I/TL Pictures             | DSPIC33EP256GP504-I/TL Image                                  |
| DSPIC33EP256GP504-I/TL PDF Datasheet                 | DSPIC33EP256GP504-I/TL Download Datasheet   | DSPIC33EP256GP504-I/TL Datasheet                              |
| DSPIC33EP256GP504-I/TL Stock                         | Buy DSPIC33EP256GP504-I/TL                  | Buy Micrel / Microchip Technology DSPIC33EP256GP504-I/TL      |
| Micrel / Microchip Technology DSPIC33EP256GP504-I/TL | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology DSPIC33EP256GP504-I/TL | Microchip Technology DSPIC33EP256GP504-I/TL | Roving Networks / Microchip Technology DSPIC33EP256GP504-I/TL |

Related Products

|                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div></div><div><b>DSPIC33EP256GP504-H/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 44VTLA<br/>In stock: 3527 pcs<br/>RFQ</div></div>  | <div><div></div><div><b>DSPIC33EP256GP504-H/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 44TQFP<br/>In stock: 4085 pcs<br/>RFQ</div></div>   |
| <div><div></div><div><b>DSPIC33EP256GP504-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 48UQFN<br/>In stock: 32348 pcs<br/>RFQ</div></div> | <div><div></div><div><b>DSPIC33EP256GP504T-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 48UQFN<br/>In stock: 25693 pcs<br/>RFQ</div></div> |
| <div><div></div><div><b>DSPIC33EP256GP504T-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 44TQFP<br/>In stock: 6812 pcs<br/>RFQ</div></div> | <div><div></div><div><b>DSPIC33EP256GP504T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 44TQFP<br/>In stock: 2971 pcs<br/>RFQ</div></div>  |
| <div><div></div><div><b>DSPIC33EP256GP504T-E/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 44VTLA<br/>In stock: 3850 pcs<br/>RFQ</div></div> | <div><div></div><div><b>DSPIC33EP256GP504T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 44QFN<br/>In stock: 29302 pcs<br/>RFQ</div></div>  |
| <div><div></div><div><b>DSPIC33EP256GP504-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 44TQFP<br/>In stock: 24090 pcs<br/>RFQ</div></div> | <div><div></div><div><b>DSPIC33EP256GP504-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 44QFN<br/>In stock: 22185 pcs<br/>RFQ</div></div>   |
| <div><div></div><div><b>DSPIC33EP256GP504T-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 44QFN<br/>In stock: 4331 pcs<br/>RFQ</div></div>  | <div><div></div><div><b>DSPIC33EP256GP504-H/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 44QFN<br/>In stock: 5887 pcs<br/>RFQ</div></div>    |