



DSPIC33EP256GM306-E/PT

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33EP256GM306-E/PT                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                  |
| Product description | IC MCU 16BIT 256KB FLASH 64TQFP                                                                                |
| Datasheets:         |  1.DSPIC33EP256GM306-E/PT.pdf |
|                     |  2.DSPIC33EP256GM306-E/PT.pdf |
| RoHs Status         |  Lead free / RoHS Compliant   |
| Stock Condition     | 16132 pcs stock                                                                                                |
| Ship From           | Hong Kong                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                          |

REQUEST FOR QUOTATION

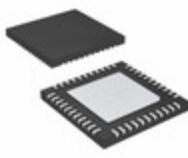
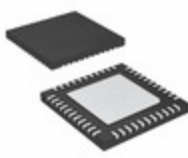
Specifications of DSPIC33EP256GM306-E/PT

|                                  |                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33EP256GM306-E/PT                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                    |
| DESCRIPTION                      | IC MCU 16BIT 256KB FLASH 64TQFP                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                       |
| QUANTITY AVAILABLE               | 16132 pcs                                                                                                        |
| DATA SHEET                       |  1.DSPIC33EP256GM306-E/PT.pdf |
|                                  |  2.DSPIC33EP256GM306-E/PT.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 64-TQFP (10x10)                                                                                                  |
| SPEED                            | 60 MIPS                                                                                                          |
| SERIES                           | dsPIC™ 33EP                                                                                                      |
| RAM SIZE                         | 32K x 8                                                                                                          |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                            |
| PROGRAM MEMORY SIZE              | 256KB (85.5K x 24)                                                                                               |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, Motor Control PWM, POR, PWM, WDT                                               |
| PACKAGING                        | Tray                                                                                                             |
| PACKAGE / CASE                   | 64-TQFP                                                                                                          |
| OSCILLATOR TYPE                  | Internal                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                               |
| NUMBER OF I/O                    | 53                                                                                                               |
| 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 256KB (85.5K x 24) FLASH 64-TQFP (10x10)                     |
| DATA CONVERTERS                  | A/D 30x10b/12b                                                                                                   |
| CORE SIZE                        | 16-Bit                                                                                                           |
| CORE PROCESSOR                   | dsPIC                                                                                                            |
| CONNECTIVITY                     | I²C, IrDA, LINbus, QEI, SPI, UART/USART                                                                          |
| BASE PART NUMBER                 | DSPIC33EP256GM306                                                                                                |

Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33EP256GM306-E/PT | DSPIC33EP256GM306-E/PT Distributor          | DSPIC33EP256GM306-E/PT Supplier                               |
| DSPIC33EP256GM306-E/PT Price                         | DSPIC33EP256GM306-E/PT Pictures             | DSPIC33EP256GM306-E/PT Image                                  |
| DSPIC33EP256GM306-E/PT PDF Datasheet                 | DSPIC33EP256GM306-E/PT Download Datasheet   | DSPIC33EP256GM306-E/PT Datasheet                              |
| DSPIC33EP256GM306-E/PT Stock                         | Buy DSPIC33EP256GM306-E/PT                  | Buy Micrel / Microchip Technology DSPIC33EP256GM306-E/PT      |
| Micrel / Microchip Technology DSPIC33EP256GM306-E/PT | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology DSPIC33EP256GM306-E/PT | Microchip Technology DSPIC33EP256GM306-E/PT | Roving Networks / Microchip Technology DSPIC33EP256GM306-E/PT |

Related Products

|                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                          |
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| <div>MICROCHIP</div> <div>DSPIC33EP256GM306-I/MR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 64QFN</div> <div>In stock: 14085 pcs</div> <div>RFQ</div> | <div>MICROCHIP</div> <div>DSPIC33EP256GM306-H/MR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 64QFN</div> <div>In stock: 5439 pcs</div> <div>RFQ</div>    |
| <div>MICROCHIP</div> <div>DSPIC33EP256GM306T-I/MR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 64QFN</div> <div>In stock: 4625 pcs</div> <div>RFQ</div> | <div></div> <div>DSPIC33EP256GM306-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 64TQFP</div> <div>In stock: 15228 pcs</div> <div>RFQ</div>           |
| <div></div> <div>DSPIC33EP256GM304T-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 44TQFP</div> <div>In stock: 6554 pcs</div> <div>RFQ</div>         | <div></div> <div>DSPIC33EP256GM304T-I/ML</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 44QFN</div> <div>In stock: 2816 pcs</div> <div>RFQ</div>            |
| <div>MICROCHIP</div> <div>DSPIC33EP256GM306-E/MR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 64QFN</div> <div>In stock: 17561 pcs</div> <div>RFQ</div> | <div></div> <div>DSPIC33EP256GM304-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 44TQFP</div> <div>In stock: 19994 pcs</div> <div>RFQ</div>           |
| <div></div> <div>DSPIC33EP256GM304-H/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 44TQFP</div> <div>In stock: 6901 pcs</div> <div>RFQ</div>          | <div></div> <div>DSPIC33EP256GM304-I/ML</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 44QFN</div> <div>In stock: 17583 pcs</div> <div>RFQ</div>            |
| <div></div> <div>DSPIC33EP256GM306-H/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 64TQFP</div> <div>In stock: 14795 pcs</div> <div>RFQ</div>         | <div>MICROCHIP</div> <div>DSPIC33EP256GM306T-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 64TQFP</div> <div>In stock: 19215 pcs</div> <div>RFQ</div> |