



DSPIC33EP256GP502T-E/SO

Manufacturer Part Number: DSPIC33EP256GP502T-E/SO

Manufacturer/Brand: Micrel / Microchip Technology

Part of Description: IC MCU 16BIT 256KB FLASH 28SOIC

Datasheets:

- 1.DSPIC33EP256GP502T-E/SO.pdf
- 2.DSPIC33EP256GP502T-E/SO.pdf
- 3.DSPIC33EP256GP502T-E/SO.pdf

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See specs for product details.

Specifications

| | |
|----------------------------|---|
| Part Number | DSPIC33EP256GP502T-E/SO |
| Manufacturer | Micrel / Microchip Technology |
| Description | IC MCU 16BIT 256KB FLASH 28SOIC |
| Category | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status | Require For Quote & Check Stock |
| Series | dsPIC™ 33EP |
| Operating Temperature | -40°C ~ 125°C (TA) |
| Package / Case | 28-SOIC (0.295", 7.50mm Width) |
| Supplier Device Package | 28-SOIC |
| Peripherals | Brown-out Detect/Reset, DMA, POR, PWM, WDT |
| Core Processor | dsPIC |
| Speed | 60 MIPS |
| Number of I/O | 21 |
| EEPROM Size | - |
| RAM Size | 16K x 16 |
| Core Size | 16-Bit |
| Connectivity | CAN, I ² C, IrDA, LIN, SPI, UART/USART |
| Program Memory Size | 256KB (85.5K x 24) |
| Program Memory Type | FLASH |
| Voltage - Supply (Vcc/Vdd) | 3 V ~ 3.6 V |
| Data Converters | A/D 6x10b/12b |
| Oscillator Type | Internal |
| Packaging | Tape & Reel (TR) |

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| BB506CFS-TL-H | CCM-1205SF | CGJ3E2C0G2A821J080AA | DZ2J06800L | ETK4066Y |
| HTT162N200KOB | JMK212BBJ476MG-T | JMK325AC7107MM-P | KSR2109-MTF | L06P400S05 |
| L7812ABD2T | LM2598S-ADJ | LT1932ES6#TRPBF | LTC3407EMSE#TR | MAX2830ETM+T |
| MCT06030D7502BP500 | MG300Q2YS65H | ML610501-013 | MMG100J120UZ6T4N | N680CH12 |
| NCE6005AR | PCA9624PW | PT7M7809RTEX | PT7M8202B12TA5EX | R7203506XXOO |
| RX-8025SA | S-1339A18-A4T4U3 | SA517742-00 | SI4850EY-T1-E3 | SKD160/14 |
| SM4024NSU | SMP100LC-25 | SS24-E3/52T | STPSC406D | TB2931HQ |
| TDA7417VH | TDA8029HL/C206 | TPS73512DRBR | TUSB320LIRWBR | UMK107CG270JZ-T |
| UT30N03L-TN3-R | VE-J31-MY | VI-J41-IX | WP7113LGD | XC6209B332DR |

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