






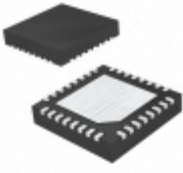
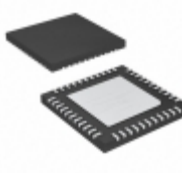
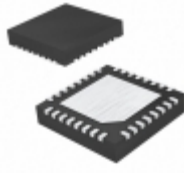
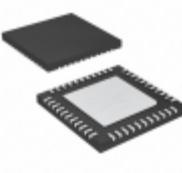
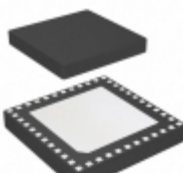



|   |   |
|---|---|
|   | <b>DSPIC33EP256MC502T-I/SS</b>  |
|   | <b>Manufacturer Part Number:</b> DSPIC33EP256MC502T-I/SS  |
|  | <b>Manufacturer/Brand:</b> Micrel / Microchip Technology  |
|   | <b>Part of Description:</b> IC MCU 16BIT 256KB FLASH 28SSOP   |
| <b>Datasheets:</b>  |  <a href="#">1.DSPIC33EP256MC502T-I/SS.pdf</a> |
|   |  <a href="#">2.DSPIC33EP256MC502T-I/SS.pdf</a> |
| <b>RoHs Status:</b>   |  Lead free / RoHS                              |
| <b>Stock Condition:</b>   | Compliant<br>New original, Stock Available.   |
| <b>Ship From:</b>   | Hong Kong   |
| <b>Shipment Way:</b>  | DHL/Fedex/TNT/UPS/EMS   |
| Image may be representation. See specs for product details.                       |   |

### Specifications

|                            |   |
|----------------------------|---|
| Part Number                | DSPIC33EP256MC502T-I/SS                                 |
| Manufacturer               | Micrel / Microchip Technology                           |
| Description                | IC MCU 16BIT 256KB FLASH 28SSOP                         |
| Category                   | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status                | Require For Quote & Check Stock                         |
| Series                     | dsPIC™ 33EP   |
| Operating Temperature      | -40°C ~ 85°C (TA)                                       |
| Package / Case             | 28-SSOP (0.209", 5.30mm Width)                          |
| Supplier Device Package    | 28-SSOP   |
| Peripherals                | Brown-out Detect/Reset, DMA, Motor Control PWM,         |
| Core Processor             | dsPIC   |
| Speed                      | 70 MIPS   |
| Number of I/O              | 21  |
| EEPROM Size                | -   |
| RAM Size                   | 16K x 16  |
| Core Size                  | 16-Bit  |
| Connectivity               | CAN, I <sup>2</sup> C, IrDA, LIN, QEI, 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)  |

DSPIC33EP256MC502T-I/SS is New Original in Stock, Search DSPIC33EP256MC502T-I/SS Datasheets, PDF, Inventory at Y-IC.com Online, Order DSPIC33EP256MC502T-I/SS Micrel / Microchip Technology with warrantied and confidence. RFQ DSPIC33EP256MC502T-I/SS : Info@Y-IC.com

### You May Be Also Be interested

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| <b>In:</b><br><br><b>DSPIC33EP256MC502T-E/MM</b><br>Micrel / Microchip Technology<br>IC MCU 16BIT 256KB FLASH<br>28QFN | <br><b>DSPIC33EP256MC504-H/ML</b><br>Micrel / Microchip Technology<br>IC MCU 16BIT 256KB FLASH<br>44QFN   | <br><b>DSPIC33EP256MC502T-I/MM</b><br>Micrel / Microchip Technology<br>IC MCU 16BIT 256KB FLASH<br>28QFN | <br><b>DSPIC33EP256MC504-E/ML</b><br>Micrel / Microchip Technology<br>IC MCU 16BIT 256KB FLASH<br>44QFN  |
| <br><b>DSPIC33EP256MC504-E/TL</b><br>Micrel / Microchip Technology<br>IC MCU 16BIT 256KB FLASH<br>44VTLA               | <br><b>DSPIC33EP256MC502T-E/SS</b><br>Micrel / Microchip Technology<br>IC MCU 16BIT 256KB FLASH<br>28SSOP | <br><b>DSPIC33EP256MC504-E/MV</b><br>Micrel / Microchip Technology<br>IC MCU 16BIT 256KB FLASH<br>48UQFN | <br><b>DSPIC33EP256MC504-E/PT</b><br>Micrel / Microchip Technology<br>IC MCU 16BIT 256KB FLASH<br>44TQFP |

### Hot Parts

More

|                |                 |                     |                     |                      |
|----------------|-----------------|---------------------|---------------------|----------------------|
| 1808CA470KAT1A | 2FI200A-060N    | AC0603KRX7R0BB472   | D AD9220ARZ         | AOTF20C60PL          |
| AT24C08BN-TH-T | AT90CAN128-15AT | D ATF-541M5         | C1005X6S1C154K050BB | CGA6N3X7R2A225M230AE |
| DT310N26KOF    | EUMFD40Y10A     | F5QA876M5M2QP-J     | FAIM1CG3            | FAN1086D33X          |
| D FDS8670S-NL  | FL6961MY        | GRM0336T1HR50BD01D  | HN1D01FE            | HSMP-3895-TR1        |
| IPS7071GTRPBF. | IRLD110PBF      | K9F5608U0C-DIB0     | LM2917N-8           | LP3875ES-5.0         |
| LT1460DCS8-2.5 | LT1994CDD#PBF   | D LTC3608IWKG#TRPBF | M30876FJBGP         | MAX4614EUD+T         |
| MC14027BFR2    | MC3311JK2BAM    | MMBZ5226BW-7-F      | NP83P04PDG          | PM300CSA060-5        |
| PS2715-1-F4    | QM75E1Y-H       | RT9261B-28CB        | SFH620A-2           | SI9955DY             |
| SIR892DP       | SKB60-14        | SN74LVC07APWRG4     | D SPX2808M3         | TIL117SD             |
| UDZ6V8B-7-F    | UF2003-T        | UPD78F0535GC-UBS-A  | VE-263-IV           | VI-23M-MV            |

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