

	<p><b>DSPIC33EP256MC502T-E/SO</b></p>
	<p><b>Manufacturer Part Number:</b> DSPIC33EP256MC502T-E/SO</p>
	<p><b>Manufacturer/Brand:</b> Micrel / Microchip Technology</p>
	<p><b>Part of Description:</b> IC MCU 16BIT 256KB FLASH 28SOIC</p>
	<p><b>Datasheets:</b></p> <ul style="list-style-type: none"> <li> <a href="#">1.DSPIC33EP256MC502T-E/SO.pdf</a></li> <li> <a href="#">2.DSPIC33EP256MC502T-E/SO.pdf</a></li> <li> <a href="#">3.DSPIC33EP256MC502T-E/SO.pdf</a></li> </ul>
<p><b>RoHs Status:</b>  Lead free / RoHS</p>	<p><b>Stock Condition:</b> <sup>Compliant</sup> New original, Stock Available.</p>
<p><b>Ship From:</b> Hong Kong</p>	<p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>
<p>Image may be representation. See specs for product details.</p>	

### Specifications

Part Number	DSPIC33EP256MC502T-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, Motor Control PWM,
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 <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-E/SO is New Original in Stock, Search DSPIC33EP256MC502T-E/SO Datasheets, PDF, Inventory at Y-IC.com Online, Order DSPIC33EP256MC502T-E/SO Micrel / Microchip Technology with warrantied and confidence. RFQ DSPIC33EP256MC502T-E/SO : Info@Y-IC.com

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 <p><b>DSPIC33EP256MC502T-I/SO</b> Micrel / Microchip Technology IC MCU 16BIT 256KB FLASH 28SOIC</p>	 <p><b>DSPIC33EP256MC502T-E/SS</b> Micrel / Microchip Technology IC MCU 16BIT 256KB FLASH 28SSOP</p>	 <p><b>DSPIC33EP256MC502-I/SO</b> Micrel / Microchip Technology IC MCU 16BIT 256KB FLASH 28SOIC</p>	 <p><b>DSPIC33EP256MC502T-I/SS</b> Micrel / Microchip Technology IC MCU 16BIT 256KB FLASH 28SSOP</p>
 <p><b>DSPIC33EP256MC502T-I/MM</b> Micrel / Microchip Technology IC MCU 16BIT 256KB FLASH 28QFN</p>	 <p><b>DSPIC33EP256MC502-I/SS</b> Micrel / Microchip Technology IC MCU 16BIT 256KB FLASH 28SSOP</p>	 <p><b>DSPIC33EP256MC502-I/SP</b> Micrel / Microchip Technology IC MCU 16BIT 256KB FLASH 28SDIP</p>	 <p><b>DSPIC33EP256MC502-I/MM</b> Micrel / Microchip Technology IC MCU 16BIT 256KB FLASH 28QFN</p>

### Hot Parts

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|--|---|---|--|---|
|  04025A2R7DAT2A     |  06035A750JAT2A      |  08051A301GAT2A      |  12101C224KAT2A      |  1DI300G-100       |
|  25TTS12S           |  5STP28L2800         |  AC1206JRNPOBBN221   |  AD96S08KCF          |  BA7810HFP-TR      |
|  BD3814FV-E2        |  BGS22WL10E6327      |  C1608C0G2E561J080AA |  C3216X7R1E335K160AC |  CM2500DY-34S      |
|  CMS15140A          |  CS400-13102         |  DBS400B24-XNHMC     |  DS1743E-5           |  DZ2W27000L        |
|  EPM7064STC44-5N    |  FDS6630A            |  FS50R07N2E4         |  HD64F2134ATF20V     |  HUFA75309D3S      |
|  IRFS640A           |  KF718A-24           |  KX192NC420          |  LM336DR-2.5         |  LMX2330LSLDX      |
|  LP3972SQ-I414/NOPB |  MB95F204KPF-ES-SNE2 |  MBR05100            |  MM74HC04MX          |  MM74HC04SJX       |
|  PBMB75B12          |  PCMB053T-2R2MS      |  R2L25202E           |  RB160M-20           |  SAYZY1G73FA0F00R1 |
|  SKIIP28ANB16V2     |  SMC3K54CA-M3/57     |  STD40NF10T4         |  TPS2020DR           |  TPS2205IDB        |
|  TS4041EILT-1.2     |  UCC2813PW-5         |  UESD6V8L5A6         |  UPD70F3716GC-JG2    |  XC6215B122NR      |

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