



## DSPIC33EP512MC502-E/SO

<b>Manufacturer Part Number:</b>	DSPIC33EP512MC502-E/SO
<b>Manufacturer/Brand:</b>	Micrel / Microchip Technology
<b>Part of Description:</b>	IC MCU 16BIT 512KB FLASH 28SOIC
<b>Datasheets:</b>	<a href="#">1.DSPIC33EP512MC502-E/SO.pdf</a> <a href="#">2.DSPIC33EP512MC502-E/SO.pdf</a> <a href="#">3.DSPIC33EP512MC502-E/SO.pdf</a>
<b>RoHs Status:</b>	Lead free / RoHS
<b>Stock Condition:</b>	Compliant 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	DSPIC33EP512MC502-E/SO
Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 512KB 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	24K x 16
Core Size	16-Bit
Connectivity	CAN, I <sup>2</sup> C, IrDA, LIN, QEI, SPI, UART/USART
Program Memory Size	512KB (170K 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	Tube

DSPIC33EP512MC502-E/SO is New Original in Stock, Search DSPIC33EP512MC502-E/SO Datasheets, PDF, Inventory at Y-IC.com Online, Order DSPIC33EP512MC502-E/SO Micrel / Microchip Technology with warrantied and confidence. RFQ DSPIC33EP512MC502-E/SO : Info@Y-IC.com

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<p><b>DSPIC33EP512MC502-E/MM</b> Micrel / Microchip Technology IC MCU 16BIT 512KB FLASH 28QFN</p>	<p><b>DSPIC33EP512MC502-H/MM</b> Micrel / Microchip Technology IC MCU 16BIT 512KB FLASH 28QFN</p>	<p><b>DSPIC33EP512MC206T-E/PT</b> Micrel / Microchip Technology IC MCU 16BIT 512KB FLASH 64TQFP</p>	<p><b>DSPIC33EP512MC502-I/MM</b> Micrel / Microchip Technology IC MCU 16BIT 512KB FLASH 28QFN</p>

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| 1206SA300KAT1A      | 1812*A821JA8IFJ    | 1N5235B-T         | 2MBI600UE-060-03 | 7440680047          |
| AD1847JP            | ADC10464CIWM       | AT17C256          | AVH50-48S06      | BCP-5/15-3.3/15-D48 |
| BSC08N03LS          | C3216X7R1E225K/8   | CC1210KKX7RABB473 | CSTCW24M5X53-RO  | DM2G200SH12AE       |
| FDS4672-NL          | FJP13009H2         | HCF4053BE         | HCS500I/SM       | HX5185-A00DPD300    |
| IS46DR16320B-3DBLA1 | L6562DTR-5STLF     | LM2592HVS-ADJ     | LMX2335UTM       | LP5951MFX-3.3/NOPB  |
| LT1671IS8#TRPBF     | LT1790BIS6-5#TRPBF | LT1795CSW#TR      | LTC3708EUH#PBF   | M74HC02M1R          |
| MA4P789-114T        | MAX535AEUA+T       | MC145152FN2       | MIC812LUY        | NBXHBA017LN1TAG     |
| NM27C128            | PCA9557DR          | PT7C4372AZEEX     | RN731JTDD2491B25 | RSEN-2010           |
| SC4510ITS           | SII9223ACTU        | SM8S20AHE3/2D     | SMBJ400A         | SN74LVT16646DGGR    |
| SSM3K333R           | STF2LN60K3         | TMS470PEF363APZQ  | VI-24N-02        | VI-J6V-MX           |

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