



## DSPIC33EP512MC502-H/SO

**Manufacturer Part Number:** DSPIC33EP512MC502-H/SO

**Manufacturer/Brand:** Micrel / Microchip Technology

**Part of Description:** IC MCU 16BIT 512KB FLASH 28SOIC

**Datasheets:**

- [1.DSPIC33EP512MC502-H/SO.pdf](#)
- [2.DSPIC33EP512MC502-H/SO.pdf](#)
- [3.DSPIC33EP512MC502-H/SO.pdf](#)

**RoHS Status:** Lead free / RoHS

**Stock Condition:** New original, Stock Available.

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Image may be representation.  
See specs for product details.

### Specifications

Part Number	DSPIC33EP512MC502-H/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 ~ 150°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-H/SO is New Original in Stock, Search DSPIC33EP512MC502-H/SO Datasheets, PDF, Inventory at Y-IC.com Online, Order DSPIC33EP512MC502-H/SO Micrel / Microchip Technology with warrantied and confidence. RFQ DSPIC33EP512MC502-H/SO : Info@Y-IC.com

### You May Be Also Be interested

In:

<p><b>DSPIC33EP512MC502-E/SO</b> Micrel / Microchip Technology IC MCU 16BIT 512KB FLASH 28SOIC</p>	<p><b>DSPIC33EP512MC502-I/MM</b> Micrel / Microchip Technology IC MCU 16BIT 512KB FLASH 28QFN</p>	<p><b>DSPIC33EP512MC502-I/SO</b> Micrel / Microchip Technology IC MCU 16BIT 512KB FLASH 28SOIC</p>	<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>DSPIC33EP512MC502-H/SP</b> Micrel / Microchip Technology IC MCU 16BIT 512KB FLASH 28SDIP</p>	<p><b>DSPIC33EP512MC502T-E/MM</b> Micrel / Microchip Technology IC MCU 16BIT 512KB FLASH 28QFN</p>	<p><b>DSPIC33EP512MC502-I/SP</b> Micrel / Microchip Technology IC MCU 16BIT 512KB FLASH 28SDIP</p>

### Hot Parts

More

- |                   |                |                      |                    |                    |
|-------------------|----------------|----------------------|--------------------|--------------------|
| 18122C104MAT2A    | 6MBP25RU2A120  | AH266Z4-CG1          | AP7115-12SEG-7     | AT83SND1C-IL       |
| B39421-B5053-Z810 | BAW156DW       | BD6083GUL-E2-BD6083- | CC0603MRX5R5BB475  | CC2564BRVMR        |
| CM800E3U-24F      | DMP3130L-7     | GRM0335C1E3R6CA01D   | GRM0335C1E4R5CA01D | HFA1112IP          |
| IRF9Z24S          | IRKH57/14S90   | LC898217XH-MH        | LD025A101GAB2A     | LM3370SD-3013/NOPB |
| LQH3NPN6R8MJ0L    | LRB501V-40T1G  | MAX2205EBS+T10       | MCR25JZHJ430       | MDD172-16N1B       |
| MG200Q1US51       | MIC29150-5.0WU | MM8FU060K            | MP2102DQ           | NC7SZ19P6X         |
| NRS3015T6R8MNGH   | NTHD3133PFT1G  | PAM3130DEC180        | PS2732-2-V-A       | QM50E2Y-H          |
| SBRT20U50SLP      | SC310BSKTRT    | SI2392DS-T1-GE3      | SI9183DT-30-T1-E3  | SMBJ160CA          |
| SML-010PTT86      | SP690SCP       | SSM6N36FE            | ST300C16C          | STGB18N40LZT4      |
| T491A106M010AS    | TDA7400DTR-1M/ | TT251N13KOF          | V48A48T500BL       | W78E516BP-40       |

Contact us: [Info@Y-IC.com](mailto:Info@Y-IC.com)

ADD: Unit A5-B5 No.509, 5/F Sing Win Factory Building, 15-17 Shing yip St, Kwun Tong, Kowloon, HongKong.

Copyright © 2019 YIC International Co., Limited