



## DSPIC33EP512MC502T-I/SO

**Manufacturer Part Number:** DSPIC33EP512MC502T-I/SO

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

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

**Datasheets:**

[1.DSPIC33EP512MC502T-I/SO.pdf](#)

[2.DSPIC33EP512MC502T-I/SO.pdf](#)

[3.DSPIC33EP512MC502T-I/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.

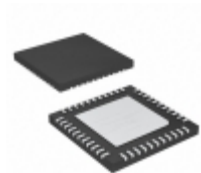
### Specifications

Part Number	DSPIC33EP512MC502T-I/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 ~ 85°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	70 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	Tape & Reel (TR)

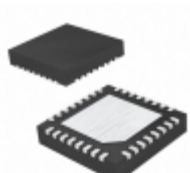
DSPIC33EP512MC502T-I/SO is New Original in Stock, Search DSPIC33EP512MC502T-I/SO Datasheets, PDF, Inventory at Y-IC.com Online, Order DSPIC33EP512MC502T-I/SO Micrel / Microchip Technology with warrantied and confidence. RFQ DSPIC33EP512MC502T-I/SO : Info@Y-IC.com

### You May Be Also Be interested

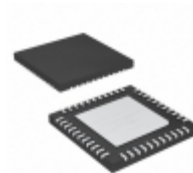
In:



**DSPIC33EP512MC504-E/ML**  
Micrel / Microchip Technology  
IC MCU 16BIT 512KB FLASH  
44QFN



**DSPIC33EP512MC502T-I/MM**  
Micrel / Microchip Technology  
IC MCU 16BIT 512KB FLASH  
28QFN



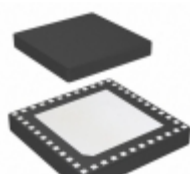
**DSPIC33EP512MC504-H/ML**  
Micrel / Microchip Technology  
IC MCU 16BIT 512KB FLASH  
44QFN



**DSPIC33EP512MC502T-E/SO**  
Micrel / Microchip Technology  
IC MCU 16BIT 512KB FLASH  
28SOIC



**DSPIC33EP512MC502-I/SP**  
Micrel / Microchip Technology  
IC MCU 16BIT 512KB FLASH  
28SDIP



**DSPIC33EP512MC504-E/TL**  
Micrel / Microchip Technology  
IC MCU 16BIT 512KB FLASH  
44VTLA



**DSPIC33EP512MC502-I/SO**  
Micrel / Microchip Technology  
IC MCU 16BIT 512KB FLASH  
28SOIC



**DSPIC33EP512MC504-E/MV**  
Micrel / Microchip Technology  
IC MCU 16BIT 512KB FLASH  
48UQFN

### Hot Parts

More

- |                         |                     |                      |                      |                           |
|-------------------------|---------------------|----------------------|----------------------|---------------------------|
| 02013A3R0BAT2A          | 06031A820J4T4A      | 12061C224KAT2A       | D 12065C105MAT2A     | 734120114/0734120114      |
| AP18N50W                | B32673Z5155K        | D BH15MA3WHFV        | => BTB12-400B        | => CC0603FRNPO9BN221      |
| CGA2B3X7R1H223K050BB    | - - DP25D1200101804 | DSEP15-06A           | - - DV889-3300-60    | => FAR-F6CP-1Q5754-L23KMJ |
| D FDS4542-NL            | D FDS6644-NL        | - - FG600C-50        | D GRM155R60J105KE19D | => GRM1887U1H432JA01D     |
| => IA188ES-PQF100I-R-03 | - - IRGP4068D       | D KSC1845F           | - - L06032R2CGSTR    | => LBC3225T100MR          |
| - - LBR2012T4R7M        | => LT1111CS8-12     | D LTC5505-1ES5#TRPBF | D MC14050BDR2G       | - - ME701502              |
| D MIC2920A-4.8BS        | D MIC5248-1.2YM5TR  | => MT58L32L32FT-8.5  | - - NC7SZ32L6X       | => NJM79L05UA-TE2         |
| - - OPA140AIDGKT        | D RJH1CD7DPQ        | - - S9S12G240F0VLF   | => SiHFR020          | => SN74LVC1G98DCKT        |
| D SP6690EK/TR           | - - T1258N02TOC     | D TC1044SCPA         | D THS3115CPWPRG4     | => TLC272CD               |
| - - TXS0108EZXYR        | D UMK107B682KZ-T    | - - VI-J63-CW/F7     | D VI-J74-IY          | => ZUW100512              |

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