



## DSPIC33EP512MC504-I/TL

**Manufacturer Part Number:** DSPIC33EP512MC504-I/TL

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

**Part of Description:** IC MCU 16BIT 512KB FLASH 44VTLA

**Datasheets:**

[1.DSPIC33EP512MC504-I/TL.pdf](#)

[2.DSPIC33EP512MC504-I/TL.pdf](#)

[3.DSPIC33EP512MC504-I/TL.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.

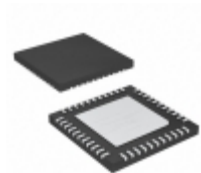
### Specifications

|                            |   |
|----------------------------|---|
| Part Number                | DSPIC33EP512MC504-I/TL                                  |
| Manufacturer               | Micrel / Microchip Technology                           |
| Description                | IC MCU 16BIT 512KB FLASH 44VTLA                         |
| 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             | 44-VFTLA Exposed Pad                                    |
| Supplier Device Package    | 44-VTLA (6x6)   |
| Peripherals                | Brown-out Detect/Reset, DMA, Motor Control PWM,         |
| Core Processor             | dsPIC   |
| Speed                      | 70 MIPS   |
| Number of I/O              | 35  |
| 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 9x10b/12b   |
| Oscillator Type            | Internal  |
| Packaging                  | Tube  |

DSPIC33EP512MC504-I/TL is New Original in Stock, Search DSPIC33EP512MC504-I/TL Datasheets, PDF, Inventory at Y-IC.com Online, Order DSPIC33EP512MC504-I/TL Micrel / Microchip Technology with warrantied and confidence. RFQ DSPIC33EP512MC504-I/TL : Info@Y-IC.com

### You May Be Also Be interested

In:



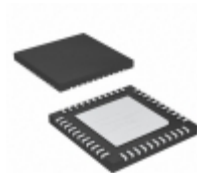
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Micrel / Microchip Technology  
IC MCU 16BIT 512KB FLASH  
44QFN



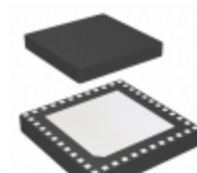
**DSPIC33EP512MC504-I/MV**

Micrel / Microchip Technology  
IC MCU 16BIT 512KB FLASH  
48UQFN



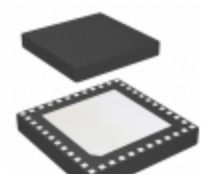
**DSPIC33EP512MC504T-E/ML**

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44QFN



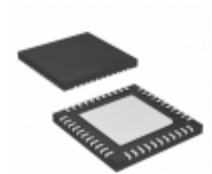
**DSPIC33EP512MC504-H/TL**

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IC MCU 16BIT 512KB FLASH  
44VTLA



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**DSPIC33EP512MC504T-E/PT**

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44TQFP



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IC MCU 16BIT 512KB FLASH  
44TQFP

### Hot Parts

More

- 06031AR68CAT2A
- 08053C472MAT2A
- AAT1157IVN-T1
- ADA4930-2YCPZ-R7
- ADC122S051C1MM/NOPB
- ADM1816-10ARTZ-RL7
- ADM210EARU
- AP78L08SG-13
- AT27C2048-55VI
- BSA223SP
- CAT9552LI
- CL10F225Z08NNNC
- CS1206KKX7RYBB104
- D2209N20T
- DW25-48S12
- DXT3904-13
- DZ600N16KB01
- F971V474MBA
- FDG6316P
- HMSZ5237BT1
- LMC6462BIN
- LTC2392CUK-16
- MAPD-007874-C20960
- MAX5354CUA+
- MAX6338KUB+
- MAX6502UKP075+T
- MDF250A40L
- MG600Q1US50A
- MPC8241LVR266D
- N640DH28GOO
- NDS8426A
- PS2701-1-E3
- R82IC3150SH60K
- RB160M-90TR
- RM100SZ-6R
- S-8241ACFMC-GCFT2G
- S19233PBIFB
- S1D13771B01B20B
- SGA-4563Z
- SKM400GA170D
- SN74AHC1G32HDBVR
- SN75157PS
- ST180S20P2
- ST7FLITE09M6TR
- TDF8546J/N1
- UPC8178TB-E3-A
- VI-131-01
- VI-NF3-EM
- XC61CC3902MRN
- ZUS25483R3-XMCI

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