



## DSPIC33EP512MC504-H/TL

<b>Manufacturer Part Number:</b>	DSPIC33EP512MC504-H/TL
<b>Manufacturer/Brand:</b>	Micrel / Microchip Technology
<b>Part of Description:</b>	IC MCU 16BIT 512KB FLASH 44VTLA
<b>Datasheets:</b>	<a href="#">1.DSPIC33EP512MC504-H/TL.pdf</a> <a href="#">2.DSPIC33EP512MC504-H/TL.pdf</a> <a href="#">3.DSPIC33EP512MC504-H/TL.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	DSPIC33EP512MC504-H/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 ~ 150°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	60 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-H/TL is New Original in Stock, Search DSPIC33EP512MC504-H/TL Datasheets, PDF, Inventory at Y-IC.com Online, Order DSPIC33EP512MC504-H/TL Micrel / Microchip Technology with warrantied and confidence. RFQ DSPIC33EP512MC504-H/TL : Info@Y-IC.com

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<p><b>DSPIC33EP512MC504T-E/ML</b> Micrel / Microchip Technology IC MCU 16BIT 512KB FLASH 44QFN</p>	<p><b>DSPIC33EP512MC504-H/PT</b> Micrel / Microchip Technology IC MCU 16BIT 512KB FLASH 44TQFP</p>	<p><b>DSPIC33EP512MC504-H/ML</b> Micrel / Microchip Technology IC MCU 16BIT 512KB FLASH 44QFN</p>	<p><b>DSPIC33EP512MC504-I/PT</b> Micrel / Microchip Technology IC MCU 16BIT 512KB FLASH 44TQFP</p>

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|---------------------|-------------------|----------------|-------------------|--------------------|
| 08051U150KAT2A      | 08053C331JAZ2A    | 1808CC101MAT1A | 6DI20S-050C-03    | AH316M245001-T     |
| AM26LS30JCTR        | AP85L02GP         | ARR2-SM20      | BZX55C6V2-TAP     | C1608JB2A332M080AA |
| CC0402CRNP09BN7R0   | CMP5H-3A          | CMSH2-30TR13   | CPT20135          | DS1023S-25         |
| DS2004SN15          | FSA2510M          | GBJ3510-F      | HAT2215RO1-EL-E   | HI100512NJT        |
| IP-JT0-EZ           | IRKT27/08         | ISL8012IRZ-T   | KA5H0165RTU       | LD1117-1.8V-A      |
| LMX324AUD+B3Q       | LP3202AB5F        | LT1399CS#TRPBF | LTC2970CUFD#TRPBF | M02095G-12         |
| M34283G2-153GP-W60G | MC74VHC1G04DFT1G  | NCP565D2T33G   | RH5VA60BA-T1      | S-8244AABFN-CFAT2S |
| S1G-13-F-89         | S71PL129JA0BAW9PO | SI8631BD-B-IS  | SKIIP12MH08T10    | SKT1200/18EL3      |
| SLI-343UT-T32U      | STPS640CB-TR      | T1220-400W     | TDZTR5.1          | TT105N16LOF        |
| TVB270MSC           | UMK316B7105KL-T   | VI-ARM-M12     | VI-J62-EZ         | VS-40L45CWPF       |

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