



## DSPIC33EP512GP504T-I/PT

**Manufacturer Part Number:** DSPIC33EP512GP504T-I/PT

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

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

**Datasheets:**

- 1.DSPIC33EP512GP504T-I/PT.pdf
- 2.DSPIC33EP512GP504T-I/PT.pdf
- 3.DSPIC33EP512GP504T-I/PT.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	DSPIC33EP512GP504T-I/PT
Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 512KB FLASH 44TQFP
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-TQFP
Supplier Device Package	44-TQFP (10x10)
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT
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, 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	Tape & Reel (TR)

DSPIC33EP512GP504T-I/PT is New Original in Stock, Search DSPIC33EP512GP504T-I/PT Datasheets, PDF, Inventory at Y-IC.com Online, Order DSPIC33EP512GP504T-I/PT Micrel / Microchip Technology with warrantied and confidence. RFQ DSPIC33EP512GP504T-I/PT : Info@Y-IC.com

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IC MCU 16BIT 512KB FLASH  
44TQFP

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44QFN

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IC MCU 16BIT 512KB FLASH  
64TQFP

### Hot Parts

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- |                      |                       |                     |                    |                    |
|----------------------|-----------------------|---------------------|--------------------|--------------------|
| 08052C152JAT2A       | 22255C474KA12A        | 93MT120KB           | ADM6321CY46ARJZ    | AOZ8844DT          |
| ATF524S16N           | B39202-B9467-P810-S05 | BAS16HTWQ-13        | BSTN451109G        | C3225CH2E153KT700N |
| CAT808NTDI-32-GT3    | CC0805JRNPO0BN120     | CD54HC4520F         | CDC2510APWR        | CDNBS08-PLC03-6    |
| CGA1A2COG1H270J030BA | DM74ALS245AN          | DMN4010LK3          | GRM1887U2A8R4DZ01D | HCPL0600R2         |
| HH-1M3216-121JT      | IPD135N08N3G          | IXUN350N10          | LM3497MX/NOPB      | LMP2016MAX         |
| LMX2370SLBX          | LQP03TN1N2B02D        | LT1034IS8-1.2#TRPBF | LV5768M-TLM-H      | M505031F           |
| MAX3318EEUP          | MAX490CSA             | MAZ9120H01SO        | MC74HC1G08DFT2GH   | NJU7200U33-TE1     |
| NL565050T-152J-PF    | PAT1220-C-2DB         | PCF85163T           | PIC16LF726-I/SS    | RCLAMP7534F.TCT    |
| S912XEQ384F1CAGR     | SC667226MMA           | SIA912DJ-T1-GE3     | SP6201EM5-ADJ      | T491N20TOF         |
| TEF6635HW/V103/S422  | TIBPAL22V10-15BCNT    | TM50RZ-H            | UC2577TD-ADJ       | VND10N06-1         |

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