



## DSPIC33EP512GP806T-E/PT

**Manufacturer Part Number:** DSPIC33EP512GP806T-E/PT

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

**Part of Description:** IC MCU 16BIT 512KB FLASH 64TQFP

**Datasheets:**

[1.DSPIC33EP512GP806T-E/PT.pdf](#)

[2.DSPIC33EP512GP806T-E/PT.pdf](#)

[3.DSPIC33EP512GP806T-E/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	DSPIC33EP512GP806T-E/PT
Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 512KB FLASH 64TQFP
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	Require For Quote & Check Stock
Series	dsPIC™ 33EP
Operating Temperature	-40°C ~ 125°C (TA)
Package / Case	64-TQFP
Supplier Device Package	64-TQFP (10x10)
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT
Core Processor	dsPIC
Speed	60 MIPS
Number of I/O	53
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 24x10b/12b
Oscillator Type	Internal
Packaging	Tape & Reel (TR)

DSPIC33EP512GP806T-E/PT is New Original in Stock, Search DSPIC33EP512GP806T-E/PT Datasheets, PDF, Inventory at Y-IC.com Online, Order DSPIC33EP512GP806T-E/PT Micrel / Microchip Technology with warrantied and confidence. RFQ DSPIC33EP512GP806T-E/PT : Info@Y-IC.com

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<p><b>DSPIC33EP512GP806-E/PT</b> Micrel / Microchip Technology IC MCU 16BIT 512KB FLASH 64TQFP</p>	<p><b>DSPIC33EP512GP806T-I/MR</b> Micrel / Microchip Technology IC MCU 16BIT 512KB FLASH 64QFN</p>	<p><b>DSPIC33EP512GP806-I/MR</b> Micrel / Microchip Technology IC MCU 16BIT 512KB FLASH 64QFN</p>	<p><b>DSPIC33EP512MC202-E/SP</b> Micrel / Microchip Technology IC MCU 16BIT 512KB FLASH 28SDIP</p>

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|--------------------|--------------------|---------------------|---------------------|---------------------|
| 06031A6R8BAT2A     | 08053D334MAT2A     | 08055A821KAT4A      | B39132B1642U810     | BD2224G-HVTR        |
| BUK752855          | BYM10-600/25       | C1005X6S0J334K050BC | CDRH2D11/HPNP-100NC | CM50CSD120          |
| CS0603KRX7R9BB471  | DS1233AZ-10TR      | ELM54801AA          | FAN2518S33X         | FDM53622S           |
| GCM1555C1H9R6DA16D | GRM316D71C225MA12D | K4S280832F-TC75     | LD025A120FAB2A      | LDB15C101A2400F-001 |
| LF50ABPT-TR        | LQP18MN27NF02D     | LTC1726JS8-2.5      | LTM2881CV-3#PBF     | MAX3738ETG+T        |
| MC68882FN16A       | MC68VZ328VF33V     | MS3520BGB02R330     | NCV1117ST33T3G      | PE130FG80           |
| PMA2701KER         | PTMB75A6C          | R5F21324DN303SP#W4  | RSS130N03TB         | S3F880AXZZ-QZ8A     |
| SMAJ26A-13-F       | SMCJ70A-13-F       | SQD300AA120         | SSA23L-E3/61T       | SSG150C120          |
| SXA10-48S3V3       | SY89218UHY         | TD101F14KFM         | TDA8060TS/C2        | TEA5990HN1UM        |
| TLE4276GV          | V28A15C200BL       | VE-231-MU           | VI-253-EY           | VI-26N-MY           |

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