



DSPIC33EP512MC506-E/MR

Manufacturer Part Number: DSPIC33EP512MC506-E/MR

Manufacturer/Brand: Micrel / Microchip Technology

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

Datasheets:

- [1.DSPIC33EP512MC506-E/MR.pdf](#)
- [2.DSPIC33EP512MC506-E/MR.pdf](#)
- [3.DSPIC33EP512MC506-E/MR.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	DSPIC33EP512MC506-E/MR
Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 512KB FLASH 64QFN
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-VFQFN Exposed Pad
Supplier Device Package	64-QFN (9x9)
Peripherals	Brown-out Detect/Reset, DMA, Motor Control PWM,
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 ² 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 16x10b/12b
Oscillator Type	Internal
Packaging	Tube

DSPIC33EP512MC506-E/MR is New Original in Stock, Search DSPIC33EP512MC506-E/MR Datasheets, PDF, Inventory at Y-IC.com Online, Order DSPIC33EP512MC506-E/MR Micrel / Microchip Technology with warrantied and confidence. RFQ DSPIC33EP512MC506-E/MR : Info@Y-IC.com

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<p>DSPIC33EP512MC506-I/PT Micrel / Microchip Technology IC MCU 16BIT 512KB FLASH 64TQFP</p>	<p>DSPIC33EP512MC504T-I/PT Micrel / Microchip Technology IC MCU 16BIT 512KB FLASH 44TQFP</p>	<p>DSPIC33EP512MC506-H/PT Micrel / Microchip Technology IC MCU 16BIT 512KB FLASH 64TQFP</p>	<p>DSPIC33EP512MC504T-I/MV Micrel / Microchip Technology IC MCU 16BIT 512KB FLASH 48UQFN</p>

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| CPV364M4K | CS0603-4N3J-S | EVM2WSX80BC5 | FM24C128A | FQP7N20L |
| FT24C02A-UNR-T | G150HFU120C2S | GRM0335C2A4R7CA01J | HMC187MS8TR | ICS9LPRS501PGLFT |
| IRFU15N20DPBF | IRGB20B60PD1 | ISL24837AIRZ-T13 | LC272C2BT-VD1 | LM336BDT |
| LT1373HVCS8 | MADP-007433-12790T | MAX1823AEUB-TG104 | MCC310-02io8 | MD1503A65PPL |
| MT9172AP | PBSS4160X | PI7C21P100NHE | PJ1085CP | PL064J70BA112 |
| PR4538DW | RHRG75120 | SAFSD942MFM0T07R1S | SDFL2012T220KT | SI4866DY |
| SI9243AEY-T1-E3 | SI9925DY-T1 | SMCJ8.0CA-E3/57T | SPA15N60C3 | SPA16N50C3 |
| TLC393CDRG4 | TPS70533 | TWL6030B1ADCMR | UPD78F0482 | VN5012AK-E |

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