



DSPIC33EP512MC506T-I/PT

Manufacturer Part Number: DSPIC33EP512MC506T-I/PT

Manufacturer/Brand: Micrel / Microchip Technology

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

Datasheets:

- [1.DSPIC33EP512MC506T-I/PT.pdf](#)
- [2.DSPIC33EP512MC506T-I/PT.pdf](#)
- [3.DSPIC33EP512MC506T-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	DSPIC33EP512MC506T-I/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 ~ 85°C (TA)
Package / Case	64-TQFP
Supplier Device Package	64-TQFP (10x10)
Peripherals	Brown-out Detect/Reset, DMA, Motor Control PWM,
Core Processor	dsPIC
Speed	70 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	Tape & Reel (TR)

DSPIC33EP512MC506T-I/PT is New Original in Stock, Search DSPIC33EP512MC506T-I/PT Datasheets, PDF, Inventory at Y-IC.com Online, Order DSPIC33EP512MC506T-I/PT Micrel / Microchip Technology with warrantied and confidence. RFQ DSPIC33EP512MC506T-I/PT : Info@Y-IC.com

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<p>DSPIC33EP512MC806-E/PT Micrel / Microchip Technology IC MCU 16BIT 512KB FLASH 64TQFP</p>	<p>DSPIC33EP512MC506T-I/MR Micrel / Microchip Technology IC MCU 16BIT 512KB FLASH 64QFN</p>	<p>DSPIC33EP512MC506-I/MR Micrel / Microchip Technology IC MCU 16BIT 512KB FLASH 64QFN</p>	<p>DSPIC33EP512MC806-I/MR Micrel / Microchip Technology IC MCU 16BIT 512KB FLASH 64QFN</p>

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| BUK9Y25-80E | C3216X7R1H155K160AB | CC1206KKX5R6BB226 | DM74AS573N | ESDALC6V1M3 |
| F095T060 | FAN4802LMY | FCD4N60TM_WS | FZ900R12KE3 | GMK316SD333JF-T |
| GNM214R71C104MA | GRM0335C1E4R9BA01D | GRM219R71C225KE15D | HA17339F-TL | HD6433712D60H |
| HEF4528BT | HTT142N1000KOC | HTT162N400KOB | IRF7832ZTRPBF | LP3990TLX-2.8 |
| LT1117ISTTR | LT1963ES8-3.3#TRPBF | MB81461-12 | MEA1608LC040T001 | MIC5159-BM6 |
| PDS100B60 | PK55F.120 | R220CH10EJO | R7S00212XX | RJK0701DPP |
| RM20HA-20F | SBR20100CTB | SC2422BCSTR | SKB50/12A3 | SKR130/08KK |
| SMCJ22CA | SML-S13RTT86 | USS4350L-AE3-R | V110C24C100AL | V20100S-E3 |
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