



DSPIC33EP64MC506T-I/PT

Manufacturer Part Number: [DSPIC33EP64MC506T-I/PT](#)

Manufacturer/Brand: [Micrel / Microchip Technology](#)

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

Datasheets:

- [1.DSPIC33EP64MC506T-I/PT.pdf](#)
- [2.DSPIC33EP64MC506T-I/PT.pdf](#)
- [3.DSPIC33EP64MC506T-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 | DSPIC33EP64MC506T-I/PT |
| Manufacturer | Micrel / Microchip Technology |
| Description | IC MCU 16BIT 64KB 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 | 4K x 16 |
| Core Size | 16-Bit |
| Connectivity | CAN, I ² C, IrDA, LIN, QEI, SPI, UART/USART |
| Program Memory Size | 64KB (22K 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) |

DSPIC33EP64MC506T-I/PT is New Original in Stock, Search DSPIC33EP64MC506T-I/PT Datasheets, PDF, Inventory at Y-IC.com Online, Order DSPIC33EP64MC506T-I/PT Micrel / Microchip Technology with warrantied and confidence. RFQ DSPIC33EP64MC506T-I/PT : Info@Y-IC.com

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| 0201ZC471KAT2A | 08055A471FAT2A | 12063A391JAT2A | ADG839YKSZ-500RL7 | ATMXT1716E-U |
| AZ1085D-ADJTRG1 | AZ23C13-7-F | CGA3E2X8R1E683M080AE | DP83640TVV | FESB8JT/31 |
| FGH40N6S2 | HEF4002BP | ILQ615-3X009T | IPU090N03LG | IRF7809ATRPBF |
| IRKD162-16 | K6R4016V1D-UC10 | LC1465CB5ATR25 | LLM3225-151J | LM2792LDX-L/NOPB |
| LT3651IUHE-4.2 | LTC1799CS5 | LTC3808EDE | LTC3858IUFD-1#PBF | MAX291EPA |
| MAX379CPE+ | MAX4350EXK+T | MDF150A20L | OPA2691I-14DRG4 | P80C552EFA/08 |
| PC365NTJ000F | PM8916-0VV | PS21244-B03 | PS9213-F3-AX | QMJ212KB7222KDHT |
| RK73H2AT5102F | RT9818B-18GU3 | SDR0604-3R3ML | SI1405BDH-T1-GE3 | Si4599DY-T1-E3 |
| SKIM1300GAR12T4 | SM3100JD | SMF14CA-TP | STD60N55F3 | STD9NM60N |
| STK6006APLP | SY10EL52ZC | T491C336M016AT | VEC2303-TL-E | VUO110-14N07 |

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