



DSPIC33EP64MC506-E/PT

Manufacturer Part Number: DSPIC33EP64MC506-E/PT

Manufacturer/Brand: Micrel / Microchip Technology

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

Datasheets:

- [1.DSPIC33EP64MC506-E/PT.pdf](#)
- [2.DSPIC33EP64MC506-E/PT.pdf](#)
- [3.DSPIC33EP64MC506-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

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See specs for product details.

Specifications

Part Number	DSPIC33EP64MC506-E/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 ~ 125°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	60 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	Tray

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| ATT7053AU | BA6506F-GE2 | D BSP315PH6327 | BTA24-800BW | BZD27C10P-GS08 |
| C1608C0G1H020C080AA | C2012JB1C226M085AC | CL05C0R5BB5NNNC | CR16-000-ZK | CR6L-150/UL |
| D D648S10T | DA807-780-32 | DD175N06K | FCP190N65S3 | FDC6432SH |
| FSBF5CH60 | FT1200A2 | GCJ216R71H153KA01D | GCM1882C1H102GA01D | GRM1556T1H110JD01D |
| GRM1885C1H5R8CA01D | HMC199MS8ETR | D HSSR-7112-200 | IP-23L-CU04 | ISL32433EIBZ |
| ISL9000AIRNCZ | JFW150A1 | LHIR13743/H1-T50 | LM2940L-50-AA3-R | LTC1440CMS8#TRPBF |
| LTF5022T-3R3N2R5-D | M5060CC800 | MC34166T | MC912XEG128J1MAA | MIC5245-2.7BM5 |
| MPC946FAR2 | PC28F00AM29EWLA | PCF8582E-2T | SI1307-DL-T1-E3 | SI7478DP-T1-E3 |
| SKKH210-16E(D) | SKKT131/08D-2 | SMF48A-TP | TPS72516KTTT | TT92N16KOF-K |

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