

Specifications	
Part Number	DSPIC33EP64MC504-E/ML
Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 64KB FLASH 44QFN
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	2581 pcs Stock
Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	44-QFN (8x8)
Speed	60 MIPS
Series	dsPIC™ 33EP
RAM Size	4K x 16
Program Memory Type	FLASH
Program Memory Size	64KB (22K x 24)
Peripherals	Brown-out Detect/Reset, DMA, Motor Control PWM,
Packaging	Tube
Package / Case	44-VQFN Exposed Pad
Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	35
EEPROM Size	-
Data Converters	A/D 9x10b/12b
Core Size	16-Bit
Core Processor	dsPIC
Connectivity	CAN, I²C, IrDA, LIN, QEI, SPI, UART/USART

In: MICROCHIP DSPIC33EP64MC503-I/TL Microchip Technology IC MCU 16BIT 64KB FLASH 36VTLA	MICROCHIP DSPIC33EP64MC504-E/PT Microchip Technology IC MCU 16BIT 64KB FLASH 44UQFP	MICROCHIP DSPIC33EP64MC504-E/MV Microchip Technology IC MCU 16BIT 64KB FLASH 48UQFN	MICROCHIP DSPIC33EP64MC504-I/MV Microchip Technology IC MCU 16BIT 64KB FLASH 48UQFN
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DSPIC33EP64MC504-E/ML Electronic	DSPIC33EP64MC504-E/ML Components	DSPIC33EP64MC504-E/ML Distributor	DSPIC33EP64MC504-E/ML Image	DSPIC33EP64MC504-E/ML Part
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