

DSPIC33EP256MC504-E/MV



Part Number: [DSPIC33EP256MC504-E/MV](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 256KB FLASH 48UQFN

Data sheet:  [dsPIC\(33,24\)EPzzz\(GP,MC\)20x,50x](#)
 [dsPIC\(33,24\)EPzzz\(GP,MC\)20x,50x Errata](#)

RoHs Status: Lead free / RoHS Compliant

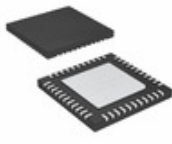
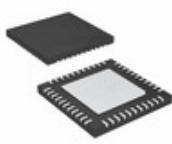
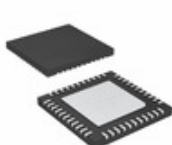
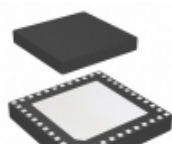
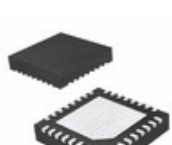
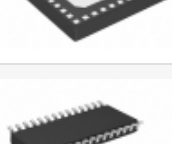
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PRODUCT PARAMETER			
Part Number	DSPIC33EP256MC504-E/MV	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 256KB FLASH 48UQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	24639 pcs	Data sheet	dsPIC(33,24)EPzzz(GP,MC)20x,50x dsPIC(33,24)EPzzz(GP,MC)20x,50x Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	48-UQFN (6x6)	Speed	60 MIPs
Series	dsPIC™ 33EP	RAM Size	16K x 16
Program Memory Type	FLASH	Program Memory Size	256KB (85.5K x 24)
Peripherals	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT	Packaging	Tube
Package / Case	48-UQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	35
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	8 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	dsPIC dsPIC™ 33EP Microcontroller IC 16-Bit 60 MIPs 256KB (85.5K x 24) FLASH 48-UQFN (6x6)	Data Converters	A/D 9x10b/12b
Core Size	16-Bit	Core Processor	dsPIC
Connectivity	CANbus, I²C, IrDA, LINbus, QEI, SPI, UART/USART	Base Part Number	DSPIC33EP256MC504
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RELATED PRODUCTS			
	Part#: DSPIC33EP256MC504-I/ML Description: IC MCU 16BIT 256KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP256MC504T-E/ML Description: IC MCU 16BIT 256KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP256MC502T-E/SS Description: IC MCU 16BIT 256KB FLASH 28SSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP256MC504-H/ML Description: IC MCU 16BIT 256KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP256MC504-E/TL Description: IC MCU 16BIT 256KB FLASH 44VTLA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP256MC504-I/MV Description: IC MCU 16BIT 256KB FLASH 48UQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP256MC502T-E/MM Description: IC MCU 16BIT 256KB FLASH 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP256MC504-H/PT Description: IC MCU 16BIT 256KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33EP256MC502T-I/SO Description: IC MCU 16BIT 256KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP256MC504-I/TL Description: IC MCU 16BIT 256KB FLASH 44VTLA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP256MC502T-I/SS Description: IC MCU 16BIT 256KB FLASH 28SSOP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33EP256MC502T-E/SO Description: IC MCU 16BIT 256KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ

Related keywords for **DSPIC33EP256MC504-E/MV**

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