

DSPIC33EP64MC503-E/TL



Part Number: [DSPIC33EP64MC503-E/TL](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 64KB FLASH 36VTLA

Data sheet:  [dsPIC\(33,24\)EPzzz\(GP,MC\)20x,50x](#)
 [16-bit Embedded Control Solutions](#)
 [dsPIC\(33,24\)EPzzz\(GP,MC\)20x,50x Errata](#)

RoHs Status: Lead free / RoHS Compliant

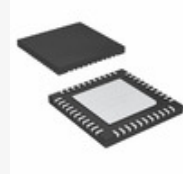
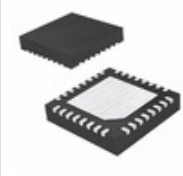
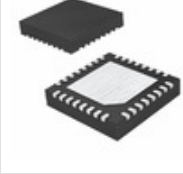
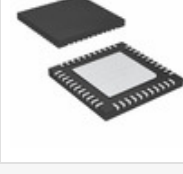
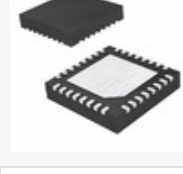
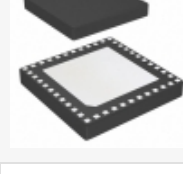
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PRODUCT PARAMETER			
Part Number	DSPIC33EP64MC503-E/TL	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 64KB FLASH 36VTLA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	42699 pcs	Data sheet	dsPIC(33,24)EPzzz(GP,MC)20x,50x 16-bit Embedded Control Solutions 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	36-VTLA (5x5)	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, POR, PWM, WDT	Packaging	Tube
Package / Case	36-VFTLA Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	25
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	12 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	dsPIC dsPIC™ 33EP Microcontroller IC 16-Bit 60 MIPs 64KB (22K x 24) FLASH 36-VTLA (5x5)	Data Converters	A/D 8x10b/12b
Core Size	16-Bit	Core Processor	dsPIC
Connectivity	CANbus, I ² C, IrDA, LINbus, QEI, SPI, UART/USART	Base Part Number	DSPIC33EP64MC503
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RELATED PRODUCTS			
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	Part#: DSPIC33EP64MC504-I/ML Description: IC MCU 16BIT 64KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP64MC502-I/MM Description: IC MCU 16BIT 64KB FLASH 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP64MC504-E/MV Description: IC MCU 16BIT 64KB FLASH 48UQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP64MC502-I/SS Description: IC MCU 16BIT 64KB FLASH 28SSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP64MC502-E/SS Description: IC MCU 16BIT 64KB FLASH 28SSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP64MC502T-I/MM Description: IC MCU 16BIT 64KB FLASH 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP64MC503-I/TL Description: IC MCU 16BIT 64KB FLASH 36VTLA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP64MC504-E/ML Description: IC MCU 16BIT 64KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP64MC503T-E/TL Description: IC MCU 16BIT 64KB FLASH 36VTLA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP64MC502-I/SP Description: IC MCU 16BIT 64KB FLASH 28SDIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP64MC503T-I/TL Description: IC MCU 16BIT 64KB FLASH 36VTLA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP64MC502T-I/SO Description: IC MCU 16BIT 64KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP64MC502T-I/SS Description: IC MCU 16BIT 64KB FLASH 28SSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP64MC504-I/PT Description: IC MCU 16BIT 64KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP64MC502T-E/MM Description: IC MCU 16BIT 64KB FLASH 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP64MC502T-E/SO Description: IC MCU 16BIT 64KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP64MC504-E/TL Description: IC MCU 16BIT 64KB FLASH 44VTLA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP64MC504-E/PT Description: IC MCU 16BIT 64KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP64MC502-I/SO Description: IC MCU 16BIT 64KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ

Related keywords for **DSPIC33EP64MC503-E/TL**

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