

DSPIC33EP32MC502-I/SP



Part Number: [DSPIC33EP32MC502-I/SP](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 32KB FLASH 28SDIP

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

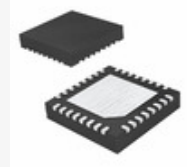
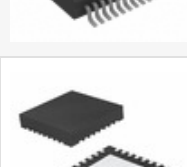
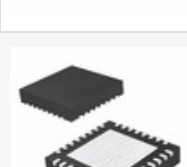
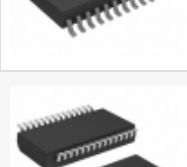
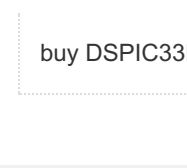
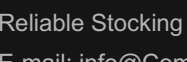
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PRODUCT PARAMETER			
Part Number	DSPIC33EP32MC502-I/SP	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 32KB FLASH 28SDIP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	40478 pcs	Data sheet	dsPIC(33,24)EPzzz(GP,MC)20x,50x 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	28-SPDIP	Speed	70 MIPs
Series	dsPIC™ 33EP	RAM Size	2K x 16
Program Memory Type	FLASH	Program Memory Size	32KB (10.7K x 24)
Peripherals	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT	Packaging	Tube
Package / Case	28-DIP (0.300", 7.62mm)	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	21
Moisture Sensitivity Level (MSL) ¹	(Unlimited)	Manufacturer Standard Lead Time	11 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	dsPIC dsPIC™ 33EP Microcontroller IC 16-Bit 70 MIPs 32KB (10.7K x 24) FLASH 28-SPDIP	Data Converters	A/D 6x10b/12b
Core Size	16-Bit	Core Processor	dsPIC
Connectivity	CANbus, I²C, IrDA, LINbus, QEI, SPI, UART/USART	Base Part Number	DSPIC33EP32MC502
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	Part#: DSPIC33EP32MC503-H/TL Description: IC MCU 16BIT 32KB FLASH 36VTLA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP32MC502-H/SS Description: IC MCU 16BIT 32KB FLASH 28SSOP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33EP32MC502T-I/MM Description: IC MCU 16BIT 32KB FLASH 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33EP32MC503-E/TL Description: IC MCU 16BIT 32KB FLASH 36VTLA	Manufacturers: Micrel / Microchip Technology	RFQ

Related keywords for DSPIC33EP32MC502-I/SP			
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