

DSPIC33EP512MC204-I/TL





Part Number:

DSPIC33EP512MC204-I/TL

Manufacturer:

Micrel / Microchip Technology

Description:

IC MCU 16BIT 512KB FLASH 44VTLA

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

Ship From:

Hong Kong

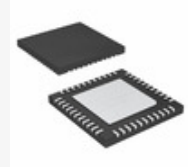
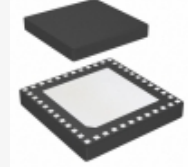
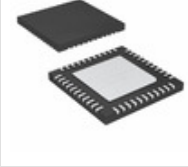
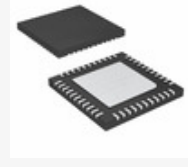
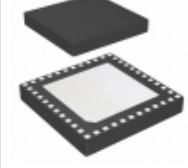
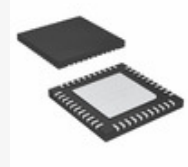
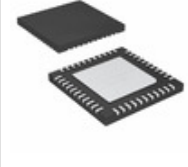
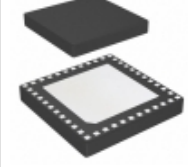
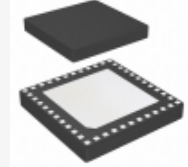
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Request For Quotation

PRODUCT PARAMETER			
Part Number	DSPIC33EP512MC204-I/TL	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 512KB FLASH 44VTLA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5111 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	44-VTLA (6x6)	Speed	70 MIPs
Series	dsPIC™ 33EP	RAM Size	24K x 16
Program Memory Type	FLASH	Program Memory Size	512KB (170K x 24)
Peripherals	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT	Packaging	Tube
Package / Case	44-VFTLA Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	35
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	dsPIC dsPIC™ 33EP Microcontroller IC 16-Bit 70 MIPs 512KB (170K x 24) FLASH 44-VTLA (6x6)
Data Converters	A/D 9x10b/12b	Core Size	16-Bit
Core Processor	dsPIC	Connectivity	I²C, IrDA, LINbus, QEI, SPI, UART/USART
Base Part Number	DSPIC33EP512MC204		
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	Part#: DSPIC33EP512MC204-H/PT Description: IC MCU 16BIT 512KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33EP512MC206-E/MR Description: IC MCU 16BIT 512KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP512MC204T-E/TL Description: IC MCU 16BIT 512KB FLASH 44VTLA	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33EP512MC204-I/PT Description: IC MCU 16BIT 512KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP512MC206-E/PT Description: IC MCU 16BIT 512KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ

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