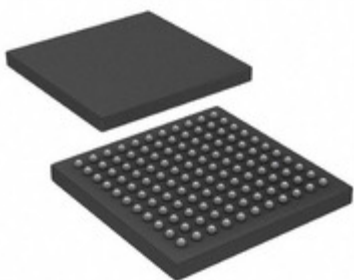


DSPIC33EP256GM310-I/BG





Part Number:

DSPIC33EP256GM310-I/BG

Manufacturer:

Micrel / Microchip Technology

Description:

IC MCU 16BIT 256KB FLASH 121BGA

Data sheet:

 [dsPIC33EPyyyGM3yy.6yy.7yy](#)

 [dsPIC33EPyyyGM3,6,7 Family Errata](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

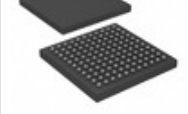
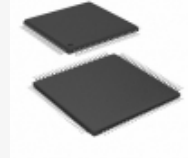
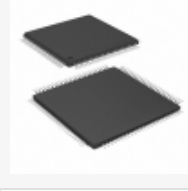
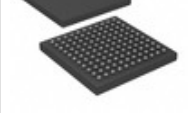
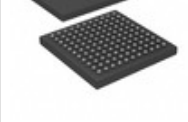
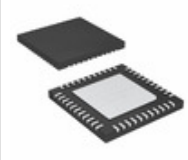
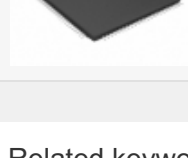
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	DSPIC33EP256GM310-I/BG	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 256KB FLASH 121BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	16093 pcs	Data sheet	dsPIC33EPyyyGM3yy.6yy.7yy dsPIC33EPyyyGM3,6,7 Family Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	121-TFBGA (10x10)	Speed	70 MIPs
Series	dsPIC™ 33EP	RAM Size	32K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (85.5K x 24)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, Motor Control PWM, POR, PWM, WDT	Packaging	Tray
Package / Case	121-TFBGA	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	85
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	dsPIC dsPIC™ 33EP Microcontroller IC 16-Bit 70 MIPs 256KB (85.5K x 24) FLASH 121-TFBGA (10x10)
Data Converters	A/D 49x10b/12b	Core Size	16-Bit
Core Processor	dsPIC	Connectivity	I ² C, IrDA, LINbus, QEI, SPI, UART/USART
Base Part Number	DSPIC33EP256GM310		
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RELATED PRODUCTS			
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	Part#: DSPIC33EP256GM310-E/PF Description: IC MCU 16BIT 256KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP256GM310-H/BG Description: IC MCU 16BIT 256KB FLASH 121BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP256GM310T-I/PT Description: IC MCU 16BIT 256KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP256GM306T-I/PT Description: IC MCU 16BIT 256KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33EP256GM310-I/PF Description: IC MCU 16BIT 256KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP256GM604-H/ML Description: IC MCU 16BIT 256KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP256GM604-H/PT Description: IC MCU 16BIT 256KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP256GM310-E/BG Description: IC MCU 16BIT 256KB FLASH 121BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP256GM306T-I/MR Description: IC MCU 16BIT 256KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP256GM604-E/ML Description: IC MCU 16BIT 256KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP256GM306-I/PT Description: IC MCU 16BIT 256KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP256GM604-E/PT Description: IC MCU 16BIT 256KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP256GM310-I/PT Description: IC MCU 16BIT 256KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP256GM310T-I/PF Description: IC MCU 16BIT 256KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP256GM310-H/PF Description: IC MCU 16BIT 256KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP256GM604-I/ML Description: IC MCU 16BIT 256KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP256GM310-I/PT Description: IC MCU 16BIT 256KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ

Related keywords for DSPIC33EP256GM310-I/BG			
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