

DSPIC33EP256MU810T-E/BG





Part Number:

DSPIC33EP256MU810T-E/BG

Manufacturer:

Micrel / Microchip Technology

Description:

IC MCU 16BIT 256KB FLASH 121BGA

Data sheet:

 [dsPIC\(33,24\)EPzzz\(MU,GU\)8xx Datasheet](#)

 [16-bit Embedded Control Solutions](#)

 [dsPIC33EPxxx\(GP,Mx\)8xx, PIC24EPxxxGx81x Errata](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

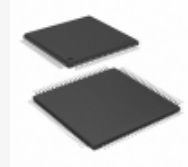
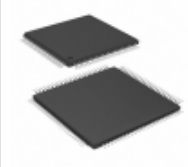
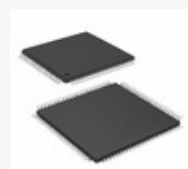
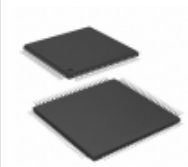
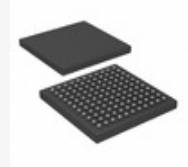
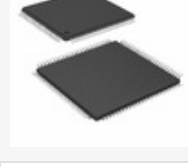
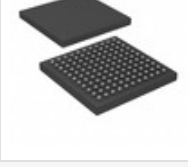
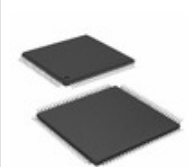
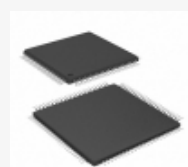
Shipment Way:

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	DSPIC33EP256MU810T-E/BG	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 256KB FLASH 121BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5125 pcs	Data sheet	dsPIC(33,24)EPzzz(MU,GU)8xx Datasheet 16-bit Embedded Control Solutions dsPIC33EPxxx(GP,Mx)8xx, PIC24EPxxxGx81x Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	121-TFBGA (10x10)	Speed	60 MIPs
Series	dsPIC™ 33EP	RAM Size	12K 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	Tape & Reel (TR)
Package / Case	121-TFBGA	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	83
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 60 MIPs 256KB (85.5K x 24) FLASH 121-TFBGA (10x10)
Data Converters	A/D 32x10b/12b	Core Size	16-Bit
Core Processor	dsPIC	Connectivity	CANbus, I²C, IrDA, LINbus, QEI, SPI, UART/USART, USB OTG
Base Part Number	DSPIC33EP256MU810		
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RELATED PRODUCTS			
	Part#: DSPIC33EP256MU806T-I/MR Description: IC MCU 16BIT 256KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33EP256MU814-E/PL Description: IC MCU 16BIT 256KB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP256MU810-I/BG Description: IC MCU 16BIT 256KB FLASH 121BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP256MU814-I/PL Description: IC MCU 16BIT 256KB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP256MU810T-E/PF Description: IC MCU 16BIT 256KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33EP256MU810T-I/PT Description: IC MCU 16BIT 256KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ

Related keywords for DSPIC33EP256MU810T-E/BG

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