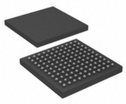
DSPIC33EP512MU810-I/BG



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See Product Specifications for product details.
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MICROCHIP

Part Number: DSPIC33EP512MU810-I/BG
Manufacturer Micrel / Microchip Technology
Description IC MCU 16BIT 512KB FLASH 121BGA
Data sheet: 16-bit Embedded Control Solutions
dsPIC(33,24)EPzzz(MU,GU)8xx Datasheet
dsPIC33EPxxx(GP,Mx)8xx, PIC24EPxxxGx81x Errata

RoHs Status: Lead free / RoHS Compliant
Ship From: Hong Kong
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Request For Quotation

PRODUCT PARAMETER

Part Number	DSPIC33EP512MU810-I/BG	**Manufacturer**	Micrel / Microchip Technology
Description	IC MCU 16BIT 512KB FLASH 121BGA	**Lead Free Status / RoHS Status**	Lead free / RoHS Compliant
Quantity Available	12582 pcs	**Data sheet**	16-bit Embedded Control Solutions dsPIC(33,24)EPzzz(MU,GU)8xx Datasheet 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**	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**	Tray
Package / Case	121-TFBGA	**Other Names**	DSPIC33EP512MU810IBG
Oscillator Type	Internal	**Operating Temperature**	-40°C ~ 85°C (TA)
Number of I/O	83	**Moisture Sensitivity Level (MSL)**	3 (168 Hours)
Manufacturer Standard Lead Time	8 Weeks	**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 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	DSPIC33EP512MU810		

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RFQ Email: info@Components-World.com

RELATED PRODUCTS

	Part#: DSPIC33EP512MC806T-I/MR	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33EP512MU810-I/PT	Manufacturers: Micrel / Microchip Technology	RFQ
	Description: IC MCU 16BIT 512KB FLASH 100TQFP		
	Part#: DSPIC33EP512MU814-I/PH	Manufacturers: Micrel / Microchip Technology	RFQ
	Description: IC MCU 16BIT 512KB FLASH 144TQFP		
	Part#: DSPIC33EP512MU814-I/PL	Manufacturers: Micrel / Microchip Technology	RFQ
	Description: IC MCU 16BIT 512KB FLASH 144LQFP		
	Part#: DSPIC33EP512MU810-I/PF	Manufacturers: Micrel / Microchip Technology	RFQ
	Description: IC MCU 16BIT 512KB FLASH 100TQFP		
	Part#: DSPIC33EP512MC806-I/PT	Manufacturers: Micrel / Microchip Technology	RFQ
	Description: IC MCU 16BIT 512KB FLASH 64TQFP		
	Part#: DSPIC33EP512MU810T-I/PT	Manufacturers: Micrel / Microchip Technology	RFQ
	Description: IC MCU 16BIT 512KB FLASH 100TQFP		
	Part#: DSPIC33EP64GP502-E/MM	Manufacturers: Micrel / Microchip Technology	RFQ
	Description: IC MCU 16BIT 64KB FLASH 28QFN		
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	Description: IC MCU 16BIT 512KB FLASH 121BGA		
	Part#: DSPIC33EP512MC806-E/PT	Manufacturers: Micrel / Microchip Technology	RFQ
	Description: IC MCU 16BIT 512KB FLASH 64TQFP		
	Part#: DSPIC33EP512MC806T-E/PT	Manufacturers: Micrel / Microchip Technology	RFQ
	Description: IC MCU 16BIT 512KB FLASH 64TQFP		
	Part#: DSPIC33EP512MU814-E/PL	Manufacturers: Micrel / Microchip Technology	RFQ
	Description: IC MCU 16BIT 512KB FLASH 144LQFP		
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	Description: IC MCU 16BIT 512KB FLASH 64QFN		
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