

## DSPIC33EP512GM310-I/BG



### Microchip Technology

IC MCU 16BIT 512KB FLASH 121BGA  
Lead free / RoHS Compliant  
Integrated Circuits (ICs)

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**Out Stock**

**0 pcs**

Minimum:1

Multiples:100

Manufacturer lead time 10 weeks

part#DSPIC33EP512GM310-I/BG is available, see description of DSPIC33EP512GM310-I/BG as below .

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## Specifications

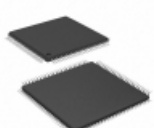
<b>Voltage - Supply (Vcc/Vdd):</b>	3 V ~ 3.6 V
<b>Supplier Device Package:</b>	121-TFBGA (10x10)
<b>Speed:</b>	70 MIPS
<b>Series:</b>	dsPIC™ 33EP
<b>RAM Size:</b>	48K x 8
<b>Program Memory Type:</b>	FLASH
<b>Program Memory Size:</b>	512KB (170K x 24)
<b>Peripherals:</b>	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, Motor Control PWM, POR, PWM, WDT
<b>Packaging:</b>	Tray
<b>Package / Case:</b>	121-TFBGA
<b>Oscillator Type:</b>	Internal
<b>Operating Temperature:</b>	-40°C ~ 85°C (TA)
<b>Number of I/O:</b>	85
<b>EEPROM Size:</b>	-
<b>Data Converters:</b>	A/D 49x10b/12b
<b>Core Size:</b>	16-Bit
<b>Core Processor:</b>	dsPIC
<b>Connectivity:</b>	I <sup>2</sup> C, IrDA, LIN, QEI, SPI, UART/USART

## Related products



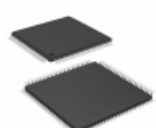
**DSPIC33EP512GM310-H/PF**  
IC MCU 16BIT 512KB FLASH 100TQFP  
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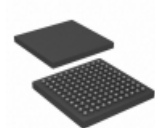
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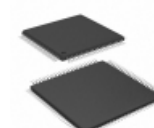
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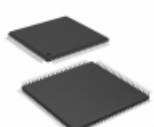
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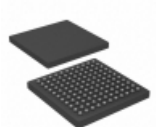
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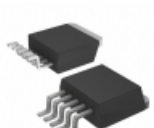
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