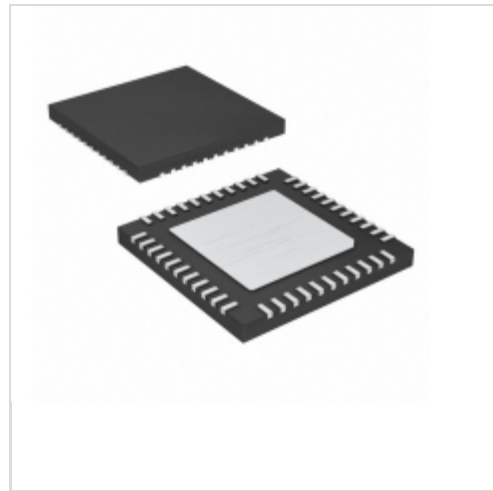


## DSPIC33EP256GM604-E/ML



### Microchip Technology

IC MCU 16BIT 256KB FLASH 44QFN

Lead free / RoHS Compliant

Integrated Circuits (ICs)

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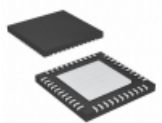
5

receive the goods

### Specifications

<b>Voltage - Supply (Vcc/Vdd):</b>	3 V ~ 3.6 V
<b>Supplier Device Package:</b>	44-QFN (8x8)
<b>Speed:</b>	60 MIPS
<b>Series:</b>	dsPIC™ 33EP
<b>RAM Size:</b>	32K x 8
<b>Program Memory Type:</b>	FLASH
<b>Program Memory Size:</b>	256KB (85.5K x 24)
<b>Peripherals:</b>	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, Motor Control PWM, POR, PWM, WDT
<b>Packaging:</b>	Tube
<b>Package / Case:</b>	44-VQFN Exposed Pad
<b>Oscillator Type:</b>	Internal
<b>Operating Temperature:</b>	-40°C ~ 125°C (TA)
<b>Number of I/O:</b>	35
<b>EEPROM Size:</b>	-
<b>Data Converters:</b>	A/D 18x10b/12b
<b>Core Size:</b>	16-Bit
<b>Core Processor:</b>	dsPIC
<b>Connectivity:</b>	CAN, I <sup>2</sup> C, IrDA, LIN, QEI, SPI, UART/USART

### Related products

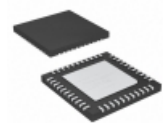


#### DSPIC33EP256GM604-H/ML

IC MCU 16BIT 256KB FLASH 44QFN

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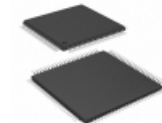


#### DSPIC33EP256GM604-E/PT

IC MCU 16BIT 256KB FLASH 44TQFP

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#### DSPIC33EP256GM310T-I/PT

IC MCU 16BIT 256KB FLASH 100TQFP

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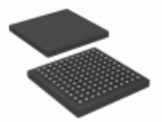


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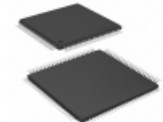


#### DSPIC33EP256GM310T-I/BG

IC MCU 16BIT 256KB FLASH 121BGA

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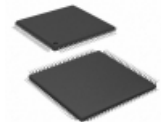


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#### DSPIC33EP256GM310-I/PF

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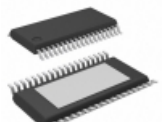
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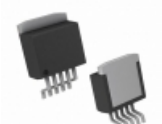


#### S-80823CNY-B-G

IC VOLT DETECTOR 2.3V TO-92

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IC REG LDO 5V 0.45A DPAK

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#### TC2117-3.3VDBTR

IC REG LDO 3.3V 0.8A SOT223-3

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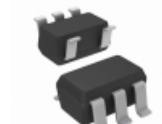


#### S-1200B41-A6T1U

IC REG LINEAR 4.1V 0.15A HSNT-6A

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#### LP2981IM5-3.1/NOPB

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IC REG LINEAR ADJ 0.1A 8SOIC

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