

## DSPIC33EP256MC502-H/SS



### Microchip Technology

IC MCU 16BIT 256KB FLASH 28SSOP

Lead free / RoHS Compliant

Integrated Circuits (ICs)

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### Specifications

<b>Voltage - Supply (Vcc/Vdd):</b>	3 V ~ 3.6 V
<b>Supplier Device Package:</b>	28-SSOP
<b>Speed:</b>	60 MIPS
<b>Series:</b>	dsPIC™ 33EP
<b>RAM Size:</b>	16K x 16
<b>Program Memory Type:</b>	FLASH
<b>Program Memory Size:</b>	256KB (85.5K x 24)
<b>Peripherals:</b>	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT
<b>Packaging:</b>	Tube
<b>Package / Case:</b>	28-SSOP (0.209", 5.30mm Width)
<b>Oscillator Type:</b>	Internal
<b>Operating Temperature:</b>	-40°C ~ 150°C (TA)
<b>Number of I/O:</b>	21
<b>EEPROM Size:</b>	-
<b>Data Converters:</b>	A/D 6x10b/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



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IC MCU 16BIT 256KB FLASH 28SDIP

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#### DSPIC33EP256MC502-H/SO

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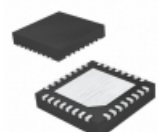


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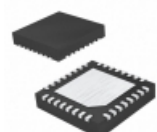


#### DSPIC33EP256MC502-I/MM

IC MCU 16BIT 256KB FLASH 28QFN

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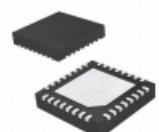


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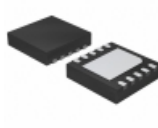
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IC MCU 16BIT 256KB FLASH 28SOIC

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#### NCP5603MNR2G

IC LED DRIVER RGLTR DIM 10DFN

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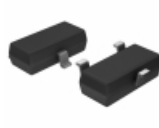


#### FPF2125

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IC RESET MPU LOW PWR SOT23-3

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#### S-1000C18-I4T1G

IC VOLT DETECTOR 18V SNT-4A

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#### MAX6855UK17D3+T

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IC REG BOOST PROG 1.5A 16WLCSP

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