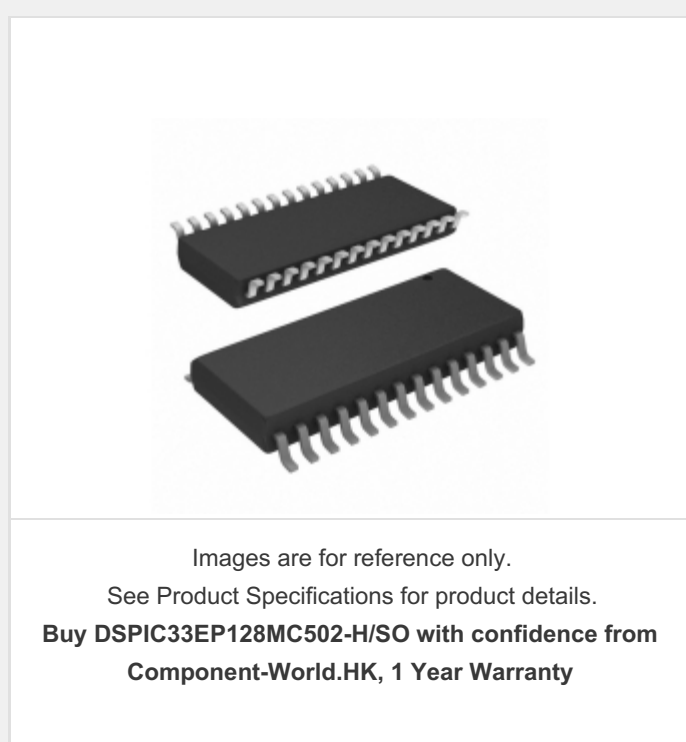


## DSPIC33EP128MC502-H/SO



**Part Number:** [DSPIC33EP128MC502-H/SO](#)  
**Manufacturer:** [Micrel / Microchip Technology](#)  
**Description:** IC MCU 16BIT 128KB FLASH 28SOIC  
**Data sheet:** [dsPIC\(33,24\)EPzzz\(GP,MC\)20x,50x](#)  
[dsPIC\(33,24\)EPzzz\(GP,MC\)20x,50x Errata](#)

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

[Request For Quotation](#)

PRODUCT PARAMETER	
<b>Part Number</b>	DSPIC33EP128MC502-H/SO
<b>Description</b>	IC MCU 16BIT 128KB FLASH 28SOIC
<b>Quantity Available</b>	6035 pcs
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>
<b>Supplier Device Package</b>	28-SOIC
<b>Series</b>	dsPIC™ 33EP
<b>Program Memory Type</b>	FLASH
<b>Peripherals</b>	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT
<b>Package / Case</b>	28-SOIC (0.295", 7.50mm Width)
<b>Operating Temperature</b>	-40°C ~ 150°C (TA)
<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>EEPROM Size</b>	-
<b>Data Converters</b>	A/D 6x10b/12b
<b>Core Processor</b>	dsPIC
<b>Base Part Number</b>	DSPIC33EP128MC502
<b>Manufacturer</b>	<a href="#">Micrel / Microchip Technology</a>
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	<a href="#">dsPIC(33,24)EPzzz(GP,MC)20x,50x</a> <a href="#">dsPIC(33,24)EPzzz(GP,MC)20x,50x Errata</a>
<b>Voltage - Supply (Vcc/Vdd)</b>	3 V ~ 3.6 V
<b>Speed</b>	60 MIPs
<b>RAM Size</b>	8K x 16
<b>Program Memory Size</b>	128KB (43K x 24)
<b>Packaging</b>	Tube
<b>Oscillator Type</b>	Internal
<b>Number of I/O</b>	21
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Detailed Description</b>	dsPIC dsPIC™ 33EP Microcontroller IC 16-Bit 60 MIPs 128KB (43K x 24) FLASH 28-SOIC
<b>Core Size</b>	16-Bit
<b>Connectivity</b>	CANbus, I <sup>2</sup> C, IrDA, LINbus, QEI, SPI, UART/USART

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RFQ Email: [info@Components-World.com](mailto:info@Components-World.com)

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	Part#: <a href="#">DSPIC33EP128MC502-I/SO</a> Description: IC MCU 16BIT 128KB FLASH 28SOIC Manufacturers: <a href="#">Micrel / Microchip Technology</a> <a href="#">RFQ</a>
	Part#: <a href="#">DSPIC33EP128MC206T-E/PT</a> Description: IC MCU 16BIT 128KB FLASH 64TQFP Manufacturers: <a href="#">Micrel / Microchip Technology</a> <a href="#">RFQ</a>
	Part#: <a href="#">DSPIC33EP128MC502T-E/MM</a> Description: IC MCU 16BIT 128KB FLASH 28QFN Manufacturers: <a href="#">Micrel / Microchip Technology</a> <a href="#">RFQ</a>
	Part#: <a href="#">DSPIC33EP128MC502-I/SP</a> Description: IC MCU 16BIT 128KB FLASH 28SDIP Manufacturers: <a href="#">Micrel / Microchip Technology</a> <a href="#">RFQ</a>
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