



Image may be representation.  
See specifications for product details.

## DSPIC33EP128MC202-I/SS

Manufacturer Part Number	<b>DSPIC33EP128MC202-I/SS</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-DSPIC33EP128MC202-I/SS
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 16BIT 128KB FLASH 28SSOP
Package	28-SSOP (0.209", 5.30mm Width)
Data sheet	<a href="#">dsPIC(33,24)EPzzz(GP,MC)20x,50x Datasheet.pdf</a>
RoHs Status	ROHS3 Compliant

**Get a Quote**



DSPIC33EP128MC202-I/SS - Microchip Technology.New Original in Stock. Download Linear Technology DSPIC33EP128MC202-I/SS datasheet/specifications on AllelcoElec.com.  
Request a quote for DSPIC33EP128MC202-I/SS, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

DSPIC33EP128MC202-I/SS Tech Specifications  
DSPIC33EP128MC202-I/SS - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	3V ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	28-SSOP	Number of I/O	21
Speed	70 MIPS	Mounting Type	Surface Mount
Series	dsPIC™ 33EP	EEPROM Size	-
RAM Size	8K x 16	Data Converters	A/D 6x10b/12b
Program Memory Type	FLASH	Core Size	16-Bit
Program Memory Size	128KB (43K x 24)	Core Processor	dsPIC
Peripherals	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT	Connectivity	I²C, IrDA, LINbus, QEI, SPI, UART/USART
Package / Case	28-SSOP (0.209", 5.30mm Width)	Base Product Number	DSPIC33EP128MC202
Package	Tube		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology DSPIC33EP128MC202-I/SS

Product Attribute				
Part Number	DSPIC33EP128MC202-I/SS	<a href="#">DSPIC33EP128MC502-I/SP</a>	<a href="#">DSPIC33EP128MC204-I/PT</a>	<a href="#">DSPIC33EP128MC206T-I/PT</a>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Number of I/O	21	21	35	53
Program Memory Size	128KB (43K x 24)	128KB (43K x 24)	128KB (43K x 24)	128KB (43K x 24)
Package / Case	28-SSOP (0.209", 5.30mm Width)	28-DIP (0.300", 7.62mm)	44-TQFP	64-TQFP
Peripherals	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT
Core Processor	dsPIC	dsPIC	dsPIC	dsPIC
Data Converters	A/D 6x10b/12b	A/D 6x10b/12b	A/D 9x10b/12b	A/D 16x10b/12b
Connectivity	I²C, IrDA, LINbus, QEI, SPI, UART/USART	CANbus, I²C, IrDA, LINbus, QEI, SPI, UART/USART	I²C, IrDA, LINbus, QEI, SPI, UART/USART	I²C, IrDA, LINbus, QEI, SPI, UART/USART
Oscillator Type	Internal	Internal	Internal	Internal
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount
Package	Tube	Tube	Tray	Tape & Reel (TR)
Series	dsPIC™ 33EP	dsPIC™ 33EP	dsPIC™ 33EP	dsPIC™ 33EP
Voltage - Supply (Vcc/Vdd)	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V
Base Product Number	DSPIC33EP128MC202	DSPIC33EP128MC502	DSPIC33EP128MC204	DSPIC33EP128MC206
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Core Size	16-Bit	16-Bit	16-Bit	16-Bit
Speed	70 MIPS	70 MIPS	70 MIPS	70 MIPS
RAM Size	8K x 16	8K x 16	8K x 16	8K x 16
Supplier Device Package	28-SSOP	28-SPDIP	44-TQFP (10x10)	64-TQFP (10x10)
EEPROM Size	-	-	-	-

### DSPIC33EP128MC202-I/SS Datasheet PDF

Download DSPIC33EP128MC202-I/SS pdf datasheets and Microchip Technology documentation for DSPIC33EP128MC202-I/SS - Microchip Technology.

#### Datasheets

dsPIC(33,24)EPzzz(GP,MC)20x,50x Datasheet.pdf

#### PCN Packaging

Label and Packing Changes 23/Sep/2015.pdf

Packing Changes 10/Oct/2016.pdf

### PCN Design/Specification

dsPIC33EP/PIC24EP 18/Jun/2020.pdf


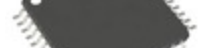
















Errata/Datasheet Update 23/Dec/2014.pdf

### PCN Assembly/Origin

2.73KHz.pdf

## Customers Also Interested in

### Recommended Products

 <b>DSPIC33EP128MC502-I/SP</b> Microchip Technology IC MCU 16BIT 128KB FLASH 28SPDIP	 <b>DSPIC33EP128MC204-I/PT</b> Microchip Technology IC MCU 16BIT 128KB FLASH 44TQFP	 <b>DSPIC33EP128GS806T-E/PT</b> Micrel / Microchip Technology	 <b>DSPIC33EP128MC504</b> Micrel / Microchip Technology	 <b>DSPIC33EP128MC206T-I/PT</b> Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP	 <b>DSPIC33EP128GS804T-I/PT</b> Microchip Technology IC MCU 16BIT 128KB FLASH 44TQFP
 <b>DSPIC33EP128MC206-I/MR</b> Microchip Technology IC MCU 16BIT 128KB FLASH 64VQFN	 <b>DSPIC33EP128GS806</b> Micrel / Microchip Technology	 <b>DSPIC33EP128MC202-I/MM</b> Microchip Technology IC MCU 16BIT 128KB FLASH 28QFN	 <b>DSPIC33EP128MC202-E/SO</b> Microchip Technology IC MCU 16BIT 128KB FLASH 28SOIC	 <b>DSPIC33EP128MC204T-I/ML</b> Microchip Technology IC MCU 16BIT 128KB FLASH 44QFN	 <b>DSPIC33EP128MC504-I-ML</b> Micrel / Microchip Technology
 <b>DSPIC33EP128GS806-I/PT</b> Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP	 <b>DSPIC33EP128GS806-E/PT</b> Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP	 <b>DSPIC33EP128MC202-I/SO</b> Microchip Technology IC MCU 16BIT 128KB FLASH 28SOIC	 <b>DSPIC33EP128GS808-I/PT</b> Microchip Technology IC MCU 16BIT 128KB FLASH 80TQFP	 <b>DSPIC33EP128MC206-I/PT</b> Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP	 <b>DSPIC33EP128MC504-E</b> Micrel / Microchip Technology

## Shipment

### Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

### Delivery Cost

- > Use your express account for shipment if you have one.
  - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

### Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00




Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

### Payment Support

The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -

-  Efficient Supply Management
-  Cost-Saving Procurement
-  Fast Sourcing & Delivery

Contact us if you have any questions.

-  Phone  
+00852 9146 4856
-  Email  
info@allelco.com

### Certifications & Memberships



View More

### Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong  
Phone: +00852 9146 4856  
Fax: +00852 3010 8510  
Email: info@Allelco.com

