



DSPIC33EP128GS702-I/SO

Manufacturer Part Number **DSPIC33EP128GS702-I/SO**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-DSPIC33EP128GS702-I/SO**

ECAD Model  Request Free CAD Models

Parts Description **IC MCU 16BIT 128KB FLASH 28SOIC**

Package **28-SOIC (0.295", 7.50mm Width)**

Data sheet **Cylindrical Battery Holders.pdf**

RoHs Status  **ROHS3 Compliant**



Get a Quote

DSPIC33EP128GS702-I/SO - Microchip Technology. New Original in Stock. Download Linear Technology DSPIC33EP128GS702-I/SO datasheet/specifications on AllelcoElec.com.

Request a quote for DSPIC33EP128GS702-I/SO, please send us email: info@allelco.com

Specifications





DSPIC33EP128GS702-I/SO Tech Specifications

DSPIC33EP128GS702-I/SO - 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-SOIC	Number of I/O	20
Speed	70 MIPS	Mounting Type	Surface Mount
Series	dsPIC™ 33EP, Functional Safety (FuSa)	EEPROM Size	-
RAM Size	8K x 8	Data Converters	A/D 11x12b; D/A 1x12b
Program Memory Type	FLASH	Core Size	16-Bit
Program Memory Size	128KB (43K x 24)	Core Processor	dsPIC
Peripherals	Brown-out Detect/Reset, I ² S, POR, PWM, WDT	Connectivity	I ² C, IrDA, LINbus, SPI, UART/USART
Package / Case	28-SOIC (0.295", 7.50mm Width)	Base Product Number	DSPIC33EP128GS702
Package	Tube		

Parts with Similar Specifications


The three parts on the right have similar specifications to Microchip Technology DSPIC33EP128GS702-I/SO

Product Attribute	 NO PICTURE			
Part Number	DSPIC33EP128GS702-I/SO	DSPIC33EP128GS706-I/PT	DSPIC33EP128GS806-I/PT	DSPIC33EP128GP506T-I/PT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Peripherals	Brown-out Detect/Reset, I ² S, POR, PWM, WDT	Brown-out Detect/Reset, I ² S, POR, PWM, WDT	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT
Speed	70 MIPS	70 MIPS	70 MIPS	70 MIPS
Voltage - Supply (Vcc/Vdd)	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V
Core Processor	dsPIC	dsPIC	dsPIC	dsPIC
Package	Tube	Tray	Tray	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Data Converters	A/D 11x12b; D/A 1x12b	A/D 22x12b; D/A 2x12b	A/D 22x12b; D/A 2x12b	A/D 16x10b/12b
RAM Size	8K x 8	8K x 8	8K x 8	8K x 16
Program Memory Size	128KB (43K x 24)	128KB (43K x 24)	128KB (43K x 24)	128KB (43K x 24)
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Base Product Number	DSPIC33EP128GS702	DSPIC33EP128GS706	DSPIC33EP128GS806	DSPIC33EP128GP506
Series	dsPIC™ 33EP, Functional Safety (FuSa)	dsPIC™ 33EP, Functional Safety (FuSa)	dsPIC™ 33EP, Functional Safety (FuSa)	dsPIC™ 33EP
Core Size	16-Bit	16-Bit	16-Bit	16-Bit
Supplier Device Package	28-SOIC	64-TQFP (10x10)	64-TQFP (10x10)	64-TQFP (10x10)
Number of I/O	20	51	51	53
Connectivity	I ² C, IrDA, LINbus, SPI, UART/USART	I ² C, IrDA, LINbus, SPI, UART/USART	CANbus, I ² C, IrDA, LINbus, SPI, UART/USART	CANbus, I ² C, IrDA, LINbus, SPI, UART/USART
Oscillator Type	Internal	Internal	Internal	Internal
Package / Case	28-SOIC (0.295", 7.50mm Width)	64-TQFP	64-TQFP	64-TQFP
EEPROM Size	-	-	-	-
Program Memory Type	FLASH	FLASH	FLASH	FLASH


DSPIC33EP128GS702-I/SO Datasheet PDF

Download DSPIC33EP128GS702-I/SO pdf datasheets and Microchip Technology documentation for DSPIC33EP128GS702-I/SO - Microchip Technology.

Datasheets

 [Cylindrical Battery Holders.pdf](#)

PCN Packaging











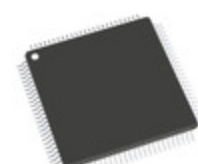

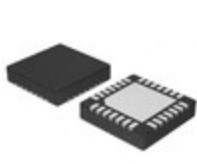





 [2.73KHz.pdf](#)

 dsPIC33EP Datasheet Chg 6/Nov/2018.pdf

 dsPIC33EPyy Datasheet Chg 5/Nov/2018.pdf

Customers Also Interested in

Recommended Products

					
DSPIC33EP128GS706-I/PT Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP	DSPIC33EP128GS806-I/PT Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP	DSPIC33EP128GP506T-I/PT Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP	DSPIC33EP128GP502-I/SO Microchip Technology IC MCU 16BIT 128KB FLASH 28SOIC	DSPIC33EP128GP502-I/SP Microchip Technology IC MCU 16BIT 128KB FLASH 28SPDIP	DSPIC33EP128GP506-I/PT Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP
					
DSPIC33EP128GS804T-I/PT Microchip Technology IC MCU 16BIT 128KB FLASH 44TQFP	DSPIC33EP128GS806 Micrel / Microchip Technology	DSPIC33EP128GP506-E/PT Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP	DSPIC33EP128GS706T-I/PT Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP	DSPIC33EP128GM710-E/PF Microchip Technology IC MCU 16BIT 128KB FLASH 100TQFP	DSPIC33EP128GS708-I/PT Microchip Technology IC MCU 16BIT 128KB FLASH 80TQFP
					
DSPIC33EP128GP502-I/MM Microchip Technology IC MCU 16BIT 128KB FLASH 28QFN	DSPIC33EP128GS705-I/PT Microchip Technology IC MCU 16BIT 128KB FLASH 48TQFP	DSPIC33EP128GP504-I/PT Microchip Technology IC MCU 16BIT 128KB FLASH 44TQFP	DSPIC33EP128GS806-E/PT Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP	DSPIC33EP128GS804-E/PT Microchip Technology IC MCU 16BIT 128KB FLASH 44TQFP	DSPIC33EP128GM706-I/PT Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP

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.



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