

Image may be representation.
See specifications for product details.



DSPIC33EP128GM304-I/ML

Manufacturer Part Number	DSPIC33EP128GM304-I/ML
Manufacturer	Microchip Technology
Allelco Part Number	32D-DSPIC33EP128GM304-I/ML
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 16BIT 128KB FLASH 44QFN
Package	44-VQFN Exposed Pad
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

DSPIC33EP128GM304-I/ML - Microchip Technology. New Original in Stock. Download Linear Technology DSPIC33EP128GM304-I/ML datasheet/specifications on AllelcoElec.com.
Request a quote for DSPIC33EP128GM304-I/ML, please send us email: info@allelco.com

Specifications

DSPIC33EP128GM304-I/ML Tech Specifications
DSPIC33EP128GM304-I/ML - 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	44-QFN (8x8)	Number of I/O	35
Speed	70 MIPS	Mounting Type	Surface Mount
Series	dsPIC™ 33EP	EEPROM Size	-
RAM Size	16K x 8	Data Converters	A/D 18x10b/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, I ² S, Motor Control PWM, POR, PWM, WDT	Connectivity	I ² C, IrDA, LINbus, QEI, SPI, UART/USART
Package / Case	44-VQFN Exposed Pad	Base Product Number	DSPIC33EP128GM304
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology DSPIC33EP128GM304-I/ML

Product Attribute				
Part Number	DSPIC33EP128GM304-I/ML	DSPIC33CK64MP505-I/PT	DSPIC33EP128GM306-I/PT	DSPIC33EP128GP502-I/SO
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Data Converters	A/D 18x10b/12b	A/D 19x12b; D/A 3x12b	A/D 30x10b/12b	A/D 6x10b/12b
Core Size	16-Bit	16-Bit	16-Bit	16-Bit
Peripherals	Brown-out Detect/Reset, DMA, I ² S, Motor Control PWM, POR, PWM, WDT	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDT	Brown-out Detect/Reset, DMA, I ² S, Motor Control PWM, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Package	Tube	Tray	Tray	Tube
Supplier Device Package	44-QFN (8x8)	48-TQFP (7x7)	64-TQFP (10x10)	28-SOIC
Voltage - Supply (Vcc/Vdd)	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V
Connectivity	I ² C, IrDA, LINbus, QEI, SPI, UART/USART	CANbus, I ² C, IrDA, LINbus, SPI, UART/USART	I ² C, IrDA, LINbus, QEI, SPI, UART/USART	CANbus, I ² C, IrDA, LINbus, SPI, UART/USART
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of I/O	35	39	53	21
Oscillator Type	Internal	Internal	Internal	Internal
RAM Size	16K x 8	8K x 8	16K x 8	8K x 16
EEPROM Size	-	-	-	-
Package / Case	44-VQFN Exposed Pad	48-TQFP	64-TQFP	28-SOIC (0.295", 7.50mm Width)
Speed	70 MIPS	100MHz	70 MIPS	70 MIPS
Core Processor	dsPIC	dsPIC	dsPIC	dsPIC
Program Memory Size	128KB (43K x 24)	64KB (64K x 8)	128KB (43K x 24)	128KB (43K x 24)
Series	dsPIC™ 33EP	dsPIC™ 33CK, Functional Safety (FuSa)	dsPIC™ 33EP	dsPIC™ 33EP
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	DSPIC33EP128GM304	DSPIC33CK64MP505	DSPIC33EP128GM306	DSPIC33EP128GP502

DSPIC33EP128GM304-I/ML Datasheet PDF

Download DSPIC33EP128GM304-I/ML pdf datasheets and Microchip Technology documentation for DSPIC33EP128GM304-I/ML - Microchip Technology.

Datasheets

Cylindrical Battery Holders.pdf

PCN Packaging






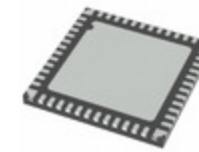


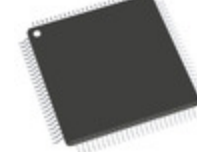


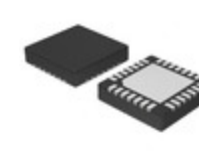






PCN Packaging

PCN Assembly/Origin

2.73KHz.pdf

Customers Also Interested in

Recommended Products

					
DSPIC33CK64MP505-I/PT Microchip Technology IC MCU 16BIT 64KB FLASH 48TQFP	DSPIC33EP128GM306-I/PT Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP	DSPIC33EP128GP502-I/SO Microchip Technology IC MCU 16BIT 128KB FLASH 28SOIC	DSPIC33EP128GP504-I/PT Microchip Technology IC MCU 16BIT 128KB FLASH 44TQFP	DSPIC33CK64MP502-E/SS Microchip Technology IC MCU 16BIT 64KB FLASH 28SSOP	DSPIC33CK64MP105-I/M4 Microchip Technology IC MCU 16BIT 64KB FLASH 48UQFN
					
DSPIC33CK64MP208-I/PT Microchip Technology IC MCU 16BIT 64KB FLASH 80TQFP	DSPIC33EP128GM604-I/PT Microchip Technology IC MCU 16BIT 128KB FLASH 44TQFP	DSPIC33EP128GM710-E/PF Microchip Technology IC MCU 16BIT 128KB FLASH 100TQFP	DSPIC33CK64MP502-I/2N Microchip Technology IC MCU 16BIT 64KB FLASH 28UQFN	DSPIC33CK64MP502-I/SS Microchip Technology IC MCU 16BIT 64KB FLASH 28SSOP	DSPIC33EP128GP502-I/MM Microchip Technology IC MCU 16BIT 128KB FLASH 28QFN
					
DSPIC33EP128GM310-I/PF Microchip Technology IC MCU 16BIT 128KB FLASH 100TQFP	DSPIC33EP128GP506-E/PT Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP	DSPIC33CK64MP205-I/PT Microchip Technology IC MCU 16BIT 64KB FLASH 48TQFP	DSPIC33EP128GM706-I/PT Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP	DSPIC33EP128GP502-I/SP Microchip Technology IC MCU 16BIT 128KB FLASH 28SPDIP	DSPIC33CK64MP202-I/SS Microchip Technology IC MCU 16BIT 64KB FLASH 28SSOP

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