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See specifications for product details.



DSPIC33FJ128MC706A-E/MR

Manufacturer Part Number **DSPIC33FJ128MC706A-E/MR**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-DSPIC33FJ128MC706A-E/MR**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC MCU 16BIT 128KB FLASH 64VQFN**

Package **64-VQFN Exposed Pad**

Data sheet **[Cylindrical Battery Holders.pdf](#)**

[DSPIC33FJzzzMCX06/8/10A.pdf](#)

RoHs Status **ROHS3 Compliant**

Get a Quote

DSPIC33FJ128MC706A-E/MR - Microchip Technology. New Original in Stock. Download Linear Technology DSPIC33FJ128MC706A-E/MR datasheet/specifications on AllelcoElec.com.

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Specifications

DSPIC33FJ128MC706A-E/MR Tech Specifications

DSPIC33FJ128MC706A-E/MR - 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 ~ 125°C (TA)
Supplier Device Package	64-VQFN (9x9)	Number of I/O	53
Speed	40 MIPS	Mounting Type	Surface Mount
Series	Automotive, AEC-Q100, dsPIC™ 33F	EEPROM Size	-
RAM Size	16K x 8	Data Converters	A/D 16x10b/12b
Program Memory Type	FLASH	Core Size	16-Bit
Program Memory Size	128KB (128K x 8)	Core Processor	dsPIC
Peripherals	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDT	Connectivity	CANbus, I ² C, IrDA, LINbus, SPI, UART/USART
Package / Case	64-VQFN Exposed Pad	Base Product Number	DSPIC33FJ128MC706
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology DSPIC33FJ128MC706A-E/MR

Product Attribute				
Part Number	DSPIC33FJ128MC706A-E/MR	DSPIC33FJ128MC802-I/SO	DSPIC33FJ128MC204-I/PT	DSPIC33FJ128MC506A-H/PT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Number of I/O	53	21	35	53
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Core Size	16-Bit	16-Bit	16-Bit	16-Bit
Voltage - Supply (Vcc/Vdd)	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V
Peripherals	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDT	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDT	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDT	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDT
Package / Case	64-VQFN Exposed Pad	28-SOIC (0.295", 7.50mm Width)	44-TQFP	64-TQFP
Program Memory Size	128KB (128K x 8)	128KB (128K x 8)	128KB (128K x 8)	128KB (128K x 8)
Series	Automotive, AEC-Q100, dsPIC™ 33F	dsPIC™ 33F	dsPIC™ 33F	Automotive, AEC-Q100, dsPIC™ 33F
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
RAM Size	16K x 8	16K x 8	8K x 8	8K x 8
Connectivity	CANbus, I ² C, IrDA, LINbus, SPI, UART/USART	CANbus, 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
Data Converters	A/D 16x10b/12b	A/D 6x10b/12b	A/D 9x10b/12b	A/D 16x10b/12b
Core Processor	dsPIC	dsPIC	dsPIC	dsPIC
Oscillator Type	Internal	Internal	Internal	Internal
Package	Tube	Tube	Tray	Tray
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 150°C (TA)
Base Product Number	DSPIC33FJ128MC706	DSPIC33FJ128MC802	DSPIC33FJ128MC204	DSPIC33FJ128MC506
Supplier Device Package	64-VQFN (9x9)	28-SOIC	44-TQFP (10x10)	64-TQFP (10x10)
Speed	40 MIPS	40 MIPS	40 MIPS	20 MIPS
EEPROM Size	-	-	-	-

DSPIC33FJ128MC706A-E/MR Datasheet PDF

Download DSPIC33FJ128MC706A-E/MR pdf datasheets and Microchip Technology documentation for DSPIC33FJ128MC706A-E/MR - Microchip Technology.

Datasheets

DSPIC33FJzzzMCX06/8/10A.pdf

PCN Packaging

HTML Datasheet






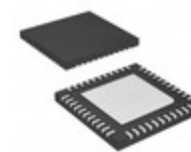
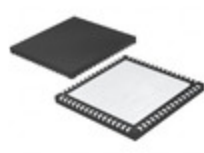






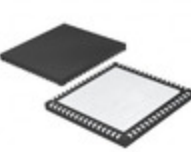



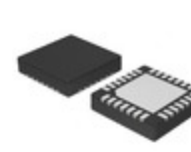
Cylindrical Battery Holders.pdf

PCN Assembly/Origin

2.73KHz.pdf

Customers Also Interested in

Recommended Products

					
DSPIC33FJ128MC802-I/SO	DSPIC33FJ128MC204-I/PT	DSPIC33FJ128MC506A-H/PT	DSPIC33FJ128MC706-I/PT	DSPIC33FJ128MC506-I/PT	DSPIC33FJ128MC204-I/ML
Microchip Technology IC MCU 16BIT 128KB FLASH 28SOIC	Microchip Technology IC MCU 16BIT 128KB FLASH 44TQFP	Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP	Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP	Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP	Microchip Technology IC MCU 16BIT 128KB FLASH 44QFN
					
DSPIC33FJ128MC706A-I/MR	DSPIC33FJ128MC506A-I/PT	DSPIC33FJ128MC710-I/PF	DSPIC33FJ128MC710-I/PT	DSPIC33FJ128MC710A-I/PF	DSPIC33FJ128MC706A-I/PT
Microchip Technology IC MCU 16BIT 128KB FLASH 64VQFN	Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP	Microchip Technology IC MCU 16BIT 128KB FLASH 100TQFP	Microchip Technology IC MCU 16BIT 128KB FLASH 100TQFP	Microchip Technology IC MCU 16BIT 128KB FLASH 100TQFP	Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP
					
DSPIC33FJ128MC510-I/PT	DSPIC33FJ128MC506A-H/MR	DSPIC33FJ128MC706AT-I/PT	DSPIC33FJ128MC510A-I/PT	DSPIC33FJ128MC802-E/SO	DSPIC33FJ128MC802-I/MM
Microchip Technology IC MCU 16BIT 128KB FLASH 100TQFP	Microchip Technology IC MCU 16BIT 128KB FLASH 64VQFN	Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP	Microchip Technology IC MCU 16BIT 128KB FLASH 100TQFP	Microchip Technology IC MCU 16BIT 128KB FLASH 28SOIC	Microchip Technology IC MCU 16BIT 128KB FLASH 28QFN

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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 Efficient Supply Management	 Cost-Saving Procurement	 Fast Sourcing & Delivery
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Contact us if you have any questions.

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