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See specifications for product details.



DSPIC33FJ128MC706A-I/MR

Manufacturer Part Number	DSPIC33FJ128MC706A-I/MR
Manufacturer	Microchip Technology
Allelco Part Number	32D-DSPIC33FJ128MC706A-I/MR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 16BIT 128KB FLASH 64VQFN
Package	64-VFQFN Exposed Pad
Data sheet	Cylindrical Battery Holders.pdf DSPIC33FJzzzMCX06/8/10A.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

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

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Specifications

DSPIC33FJ128MC706A-I/MR Tech Specifications

DSPIC33FJ128MC706A-I/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 ~ 85°C (TA)
Supplier Device Package	64-VQFN (9x9)	Number of I/O	53
Speed	40 MIPS	Mounting Type	Surface Mount
Series	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-VFQFN 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-I/MR

Product Attribute				
Part Number	DSPIC33FJ128MC706A-I/MR	DSPIC33FJ128MC710A-I/PF	DSPIC33FJ128MC706AT-I/PT	DSPIC33FJ128MC804-E/ML
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	64-VFQFN Exposed Pad	100-TQFP	64-TQFP	44-VQFN Exposed Pad
EEPROM Size	-	-	-	-
Data Converters	A/D 16x10b/12b	A/D 24x10/12b	A/D 16x10b/12b	A/D 9x10b/12b; D/A 6x16b
Package	Tube	Tray	Tape & Reel (TR)	Tube
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)
Supplier Device Package	64-VQFN (9x9)	100-TQFP (14x14)	64-TQFP (10x10)	44-QFN (8x8)
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
Base Product Number	DSPIC33FJ128MC706	DSPIC33FJ128MC710	DSPIC33FJ128MC706	DSPIC33FJ128MC804
Voltage - Supply (Vcc/Vdd)	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V
Connectivity	CANbus, 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	CANbus, I ² C, IrDA, LINbus, SPI, UART/USART
Core Size	16-Bit	16-Bit	16-Bit	16-Bit
Series	dsPIC™ 33F	dsPIC™ 33F	dsPIC™ 33F	Automotive, AEC-Q100, dsPIC™ 33F
Program Memory Size	128KB (128K x 8)	128KB (128K x 8)	128KB (128K x 8)	128KB (128K x 8)
Core Processor	dsPIC	dsPIC	dsPIC	dsPIC
Speed	40 MIPS	40 MIPS	40 MIPS	40 MIPS
Number of I/O	53	85	53	35
RAM Size	16K x 8	16K x 8	16K x 8	16K x 8
Oscillator Type	Internal	Internal	Internal	Internal
Program Memory Type	FLASH	FLASH	FLASH	FLASH

DSPIC33FJ128MC706A-I/MR Datasheet PDF

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

Datasheets

DSPIC33FJzzzMCX06/8/10A.pdf

PCN Packaging

Label and Packing Changes 23/Sep/2015.pdf

Packing Changes 10/Oct/2016.pdf

HTML Datasheet

Cylindrical Battery Holders.pdf

PCN Assembly/Origin

2.73KHz.pdf

Customers Also Interested in

Recommended Products

DSPIC33FJ128MC710A-I/PF Microchip Technology IC MCU 16BIT 128KB FLASH 100TQFP	DSPIC33FJ128MC706AT-I/PT Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP	DSPIC33FJ128MC804-E/ML Microchip Technology IC MCU 16BIT 128KB FLASH 44QFN	DSPIC33FJ128MC510A-I/PT Microchip Technology IC MCU 16BIT 128KB FLASH 100TQFP	DSPIC33FJ128MC706A-E/MR Microchip Technology IC MCU 16BIT 128KB FLASH 64VQFN	DSPIC33FJ128MC802-I/MM Microchip Technology IC MCU 16BIT 128KB FLASH 28QFN
DSPIC33FJ128MC710-I/PF Microchip Technology IC MCU 16BIT 128KB FLASH 100TQFP	DSPIC33FJ128MC706-I/PT Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP	DSPIC33FJ128MC506A-H/MR Microchip Technology IC MCU 16BIT 128KB FLASH 64VQFN	DSPIC33FJ128MC506-I/PT Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP	DSPIC33FJ128MC204-I/PT Microchip Technology IC MCU 16BIT 128KB FLASH 44TQFP	DSPIC33FJ128MC506A-H/PT Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP
DSPIC33FJ128MC506A-I/PT Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP	DSPIC33FJ128MC710-I/PT Microchip Technology IC MCU 16BIT 128KB FLASH 100TQFP	DSPIC33FJ128MC802-I/SO Microchip Technology IC MCU 16BIT 128KB FLASH 28SOIC	DSPIC33FJ128MC706A-I/PT Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP	DSPIC33FJ128MC802-E/SO Microchip Technology IC MCU 16BIT 128KB FLASH 28SOIC	DSPIC33FJ128MC510-I/PT Microchip Technology IC MCU 16BIT 128KB FLASH 100TQFP

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
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Contact us if you have any questions.

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