

Image may be representation.  
See specifications for product details.



## DSPIC33FJ128GP204-I/ML

Manufacturer Part Number	<b>DSPIC33FJ128GP204-I/ML</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-DSPIC33FJ128GP204-I/ML
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 16BIT 128KB FLASH 44QFN
Package	44-VQFN Exposed Pad
Data sheet	<a href="#">16-bit Embedded Control Solutions.pdf</a> <a href="#">16-bit Embedded Control Solutions.pdf</a> <a href="#">DSPIC33FJzzzGPx02/x04 Datasheet.pdf</a>
RoHs Status	ROHS3 Compliant

**Get a Quote**

DSPIC33FJ128GP204-I/ML - Microchip Technology.New Original in Stock. Download Linear Technology DSPIC33FJ128GP204-I/ML datasheet/specifications on AllelcoElec.com.  
Request a quote for DSPIC33FJ128GP204-I/ML, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

DSPIC33FJ128GP204-I/ML Tech Specifications

DSPIC33FJ128GP204-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	40 MIPS	Mounting Type	Surface Mount
Series	dsPIC™ 33F	EEPROM Size	-
RAM Size	8K x 8	Data Converters	A/D 13x10b/12b
Program Memory Type	FLASH	Core Size	16-Bit
Program Memory Size	128KB (128K x 8)	Core Processor	dsPIC
Peripherals	AC97, Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, WDT	Connectivity	I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART
Package / Case	44-VQFN Exposed Pad	Base Product Number	DSPIC33FJ128GP204
Package	Tube		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology DSPIC33FJ128GP204-I/ML

Product Attribute				
Part Number	DSPIC33FJ128GP204-I/ML	DSPIC33FJ06GS202-I/SO	DSPIC33FJ128GP306A-I/PT	DSPIC33FJ09GS302-I/TL
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Voltage - Supply (Vcc/Vdd)	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V
Package / Case	44-VQFN Exposed Pad	28-SOIC (0.295", 7.50mm Width)	64-TQFP	36-VFLA Exposed Pad
Data Converters	A/D 13x10b/12b	A/D 6x10b; D/A 2x10b	A/D 18x10b/12b	A/D 8x10b; D/A 2x10b
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Number of I/O	35	21	53	21
EEPROM Size	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Program Memory Size	128KB (128K x 8)	6KB (6K x 8)	128KB (128K x 8)	9KB (3K x 24)
Core Size	16-Bit	16-Bit	16-Bit	16-Bit
Speed	40 MIPS	40 MIPS	40 MIPS	40 MIPS
Peripherals	AC97, Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	AC97, Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT
Series	dsPIC™ 33F	dsPIC™ 33F	dsPIC™ 33F	dsPIC™ 33F
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Core Processor	dsPIC	dsPIC	dsPIC	dsPIC
Connectivity	I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART	I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART	I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART	I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART
Base Product Number	DSPIC33FJ128GP204	DSPIC33FJ06GS202	DSPIC33FJ128GP306	DSPIC33FJ09GS302
Supplier Device Package	44-QFN (8x8)	28-SOIC	64-TQFP (10x10)	36-VTLA (5x5)
Oscillator Type	Internal	Internal	Internal	Internal
RAM Size	8K x 8	1K x 8	16K x 8	1K x 8
Package	Tube	Tape & Reel (TR)	Tray	Tube

## DSPIC33FJ128GP204-I/ML Datasheet PDF

Download DSPIC33FJ128GP204-I/ML pdf datasheets and Microchip Technology documentation for DSPIC33FJ128GP204-I/ML - Microchip Technology.

### Datasheets



16-bit Embedded Control Solutions.pdf



DSPIC33FJzzzGPx02/x04 Datasheet.pdf

## PCN Packaging



Label and Packing Changes 23/Sep/2015.pdf



Packing Changes 10/Oct/2016.pdf

## HTML Datasheet



16-bit Embedded Control Solutions.pdf

## PCN Design/Specification



Plating 04/Jun/2013.pdf



Multiple Devices Errata Revision 06/Aug/2013.pdf

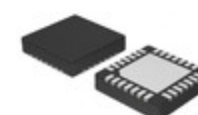
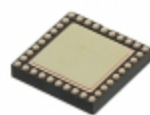
## PCN Assembly/Origin



Final-2 14/Jun/2018.pdf

## Customers Also Interested in

### Recommended Products



**DSPIC33FJ06GS202T-I/SO**

Microchip Technology  
IC MCU 16BIT 6KB FLASH 28SOIC

**DSPIC33FJ128GP306A-I/PT**

Microchip Technology  
IC MCU 16BIT 128KB FLASH 64TQFP

**DSPIC33FJ09GS302-I/TL**

Microchip Technology  
IC MCU 16BIT 9KB FLASH 36VTLA

**DSPIC33FJ128GP310-I/PT**

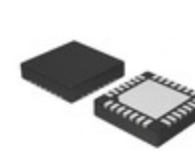
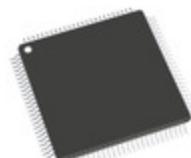
Microchip Technology  
IC MCU 16BIT 128KB FLASH 100TQFP

**DSPIC33FJ09GS302-E/SS**

Microchip Technology  
IC MCU 16BIT 9KB FLASH 28SSOP

**DSPIC33FJ09GS302-E/MM**

Microchip Technology  
IC MCU 16BIT 9KB FLASH 28QFN



**DSPIC33FJ128GP306AT-I/PT**

Microchip Technology  
IC MCU 16BIT 128KB FLASH 64TQFP

**DSPIC33FJ128GP206A-E/PT**

Microchip Technology  
IC MCU 16BIT 128KB FLASH 64TQFP

**DSPIC33FJ128GP310-I/PF**

Microchip Technology  
IC MCU 16BIT 128KB FLASH 100TQFP

**DSPIC33FJ128GP306-I/PT**

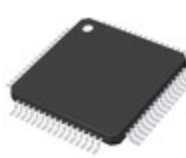
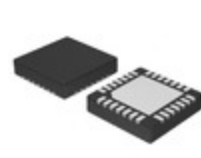
Microchip Technology  
IC MCU 16BIT 128KB FLASH 64TQFP

**DSPIC33FJ06GS202T-I/MM**

Microchip Technology  
IC MCU 16BIT 6KB FLASH 28QFN

**DSPIC33FJ09GS302-I/SO**

Microchip Technology  
IC MCU 16BIT 9KB FLASH 28SOIC



**DSPIC33FJ128GP306A-E/PT**

Microchip Technology  
IC MCU 16BIT 128KB FLASH 64TQFP

**DSPIC33FJ09GS302-I/MM**

Microchip Technology  
IC MCU 16BIT 9KB FLASH 28QFN

**DSPIC33FJ128GP202-I/SO**

Microchip Technology  
IC MCU 16BIT 128KB FLASH 28SOIC

**DSPIC33FJ128GP206A-I/PT**

Microchip Technology  
IC MCU 16BIT 128KB FLASH 64TQFP

**DSPIC33FJ128GP204-I/PT**

Microchip Technology  
IC MCU 16BIT 128KB FLASH 44TQFP

**DSPIC33FJ128GP202-E/SP**

Microchip Technology  
IC MCU 16BIT 128KB FLASH 28SPDIP

## 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 Alleco 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@alleco.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@Alleco.com](mailto:info@Alleco.com)