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See specifications for product details.



DSPIC33FJ32MC202-E/SS

Manufacturer Part Number **DSPIC33FJ32MC202-E/SS**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-DSPIC33FJ32MC202-E/SS**

ECAD Model Request Free CAD Models

Parts Description **IC MCU 16BIT 32KB FLASH 28SSOP**

Package **28-SSOP (0.209", 5.30mm Width)**

Data sheet **Cylindrical Battery Holders.pdf**

DSPIC33FJ32MC20x,16MC304 Datasheet.pdf

DSPIC33FJzzzMCx02/x04 Datasheet.pdf

RoHs Status **ROHS3 Compliant**

Get a Quote

DSPIC33FJ32MC202-E/SS - Microchip Technology.New Original in Stock. Download Linear Technology DSPIC33FJ32MC202-E/SS datasheet/specifications on AllelcoElec.com.

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Specifications

DSPIC33FJ32MC202-E/SS Tech Specifications

DSPIC33FJ32MC202-E/SS - 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	28-SSOP	Number of I/O	21
Speed	40 MIPS	Mounting Type	Surface Mount
Series	Automotive, AEC-Q100, dsPIC™ 33F	EEPROM Size	-
RAM Size	2K x 8	Data Converters	A/D 6x10b/12b
Program Memory Type	FLASH	Core Size	16-Bit
Program Memory Size	32KB (32K x 8)	Core Processor	dsPIC
Peripherals	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDT	Connectivity	I ² C, IrDA, LINbus, SPI, UART/USART
Package / Case	28-SSOP (0.209", 5.30mm Width)	Base Product Number	DSPIC33FJ32MC202
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology DSPIC33FJ32MC202-E/SS

Product Attribute				
Part Number	DSPIC33FJ32MC202-E/SS	DSPIC33FJ32GS610-501/PT	DSPIC33FJ32MC204-E/PT	DSPIC33FJ32MC202-I/SS
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Base Product Number	DSPIC33FJ32MC202	DSPIC33FJ32GS610	DSPIC33FJ32MC204	DSPIC33FJ32MC202
Peripherals	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDT	Brown-out Detect/Reset, QEI, POR, PWM, 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
Supplier Device Package	28-SSOP	100-TQFP (12x12)	44-TQFP (10x10)	28-SSOP
Series	Automotive, AEC-Q100, dsPIC™ 33F	dsPIC™ 33F	Automotive, AEC-Q100, dsPIC™ 33F	dsPIC™ 33F
Package	Tube	Tray	Tray	Tube
Oscillator Type	Internal	Internal	Internal	Internal
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply (Vcc/Vdd)	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V
Core Processor	dsPIC	dsPIC	dsPIC	dsPIC
Data Converters	A/D 6x10b/12b	A/D 24x10b; D/A 1x10b	A/D 9x10b/12b	A/D 6x10b/12b
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)
Core Size	16-Bit	16-Bit	16-Bit	16-Bit
Speed	40 MIPS	50 MIPS	40 MIPS	40 MIPS
RAM Size	2K x 8	4K x 8	2K x 8	2K x 8
Package / Case	28-SSOP (0.209", 5.30mm Width)	100-TQFP	44-TQFP	28-SSOP (0.209", 5.30mm Width)
Program Memory Size	32KB (32K x 8)	32KB (32K x 8)	32KB (32K x 8)	32KB (32K x 8)
Connectivity	I ² C, IrDA, LINbus, SPI, UART/USART	I ² C, IrDA, LINbus, SPI, UART/USART	I ² C, IrDA, LINbus, SPI, UART/USART	I ² C, IrDA, LINbus, SPI, UART/USART
EEPROM Size	-	-	-	-
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Number of I/O	21	85	35	21

DSPIC33FJ32MC202-E/SS Datasheet PDF

Download DSPIC33FJ32MC202-E/SS pdf datasheets and Microchip Technology documentation for DSPIC33FJ32MC202-E/SS - Microchip Technology.

Datasheets



DSPIC33FJ32MC20x,16MC304 Datasheet.pdf



DSPIC33FJzzzMCx02/x04 Datasheet.pdf

PCN Packaging


 Label and Packing Changes 23/Sep/2015.pdf

 Packing Changes 10/Oct/2016.pdf

HTML Datasheet


 Cylindrical Battery Holders.pdf

PCN Design/Specification

 Cancellation Notice 15/Jun/2016.pdf

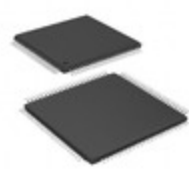
 New DeviceDoc 23/May/2016.pdf

PCN Assembly/Origin

 2.73KHz.pdf

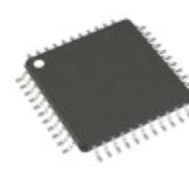
Customers Also Interested in

Recommended Products



DSPIC33FJ32GS610-50I/PT

Microchip Technology
IC MCU 16BIT 32KB FLASH 100TQFP



DSPIC33FJ32MC204-E/PT

Microchip Technology
IC MCU 16BIT 32KB FLASH 44TQFP



DSPIC33FJ32MC202-I/SS

Microchip Technology
IC MCU 16BIT 32KB FLASH 28SSOP



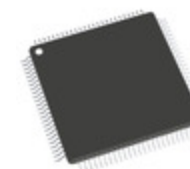
DSPIC33FJ32MC202-E/SO

Microchip Technology
IC MCU 16BIT 32KB FLASH 28SOIC



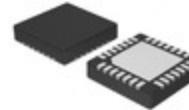
DSPIC33FJ32MC101-I/SO

Microchip Technology
IC MCU 16BIT 32KB FLASH 20SOIC



DSPIC33FJ32GS610-I/PF

Microchip Technology
IC MCU 16BIT 32KB FLASH 100TQFP



DSPIC33FJ32MC202-I/SO

Microchip Technology
IC MCU 16BIT 32KB FLASH 28SOIC

DSPIC33FJ32MC202-H/MM

Microchip Technology
IC MCU 16BIT 32KB FLASH 28QFN



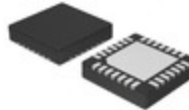
DSPIC33FJ32MC204-H/PT

Microchip Technology
IC MCU 16BIT 32KB FLASH 44TQFP



DSPIC33FJ32MC104-I/PT

Microchip Technology
IC MCU 16BIT 32KB FLASH 44TQFP



DSPIC33FJ32MC202-E/MM

Microchip Technology
IC MCU 16BIT 32KB FLASH 28QFN



DSPIC33FJ32GS606-I/PT

Microchip Technology
IC MCU 16BIT 32KB FLASH 64TQFP



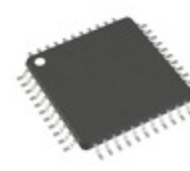
DSPIC33FJ32MC101-I/SS

Microchip Technology
IC MCU 16BIT 32KB FLASH 20SSOP



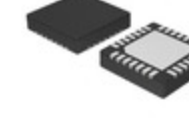
DSPIC33FJ32GS608T-I

Micrel / Microchip Technology



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Microchip Technology
IC MCU 16BIT 32KB FLASH 44TQFP



DSPIC33FJ32MC202-I/MM

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IC MCU 16BIT 32KB FLASH 28QFN



DSPIC33FJ32GS606T-E/PT

Micrel / Microchip Technology



DSPIC33FJ32MC202-I/SP

Microchip Technology
IC MCU 16BIT 32KB 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



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