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See specifications for product details.



DSPIC33CK32MP102-I/SS

Manufacturer Part Number	DSPIC33CK32MP102-I/SS
Manufacturer	Microchip Technology
Allelco Part Number	32D-DSPIC33CK32MP102-I/SS
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 16BIT 32KB FLASH 28SSOP
Package	28-SSOP (0.209", 5.30mm Width)
Data sheet	dsPIC33CK64MP105 Family Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

DSPIC33CK32MP102-I/SS - Microchip Technology. New Original in Stock. Download Linear Technology DSPIC33CK32MP102-I/SS datasheet/specifications on AllelcoElec.com.
Request a quote for DSPIC33CK32MP102-I/SS, please send us email: info@allelco.com

Specifications

DSPIC33CK32MP102-I/SS Tech Specifications
DSPIC33CK32MP102-I/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 ~ 85°C (TA)
Supplier Device Package	28-SSOP	Number of I/O	21
Speed	100MHz	Mounting Type	Surface Mount
Series	dsPIC™ 33CK, Functional Safety (FuSa)	EEPROM Size	-
RAM Size	8K x 8	Data Converters	A/D 12x12b; D/A 3x12b
Program Memory Type	FLASH	Core Size	16-Bit
Program Memory Size	32KB (32K x 8)	Core Processor	dsPIC
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, QEI, Smart Card, WDT	Connectivity	I²C, IrDA, LINbus, SPI, UART/USART
Package / Case	28-SSOP (0.209", 5.30mm Width)	Base Product Number	DSPIC33CK32MP102
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology DSPIC33CK32MP102-I/SS

Product Attribute				
Part Number	DSPIC33CK32MP102-I/SS	DSPIC33CK64MC102-E/M6	DSPIC33CK256MP508-I/PT	DSPIC33CK64MP105-E/PT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Program Memory Size	32KB (32K x 8)	64KB (64K x 8)	256KB (256K x 8)	64KB (64K x 8)
Data Converters	A/D 12x12b; D/A 3x12b	A/D 11x12b; D/A 1x12b	A/D 24x12b; D/A 3x12b	A/D 19x12b; D/A 3x12b
RAM Size	8K x 8	8K x 8	24K x 8	8K x 8
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)
Connectivity	I²C, IrDA, LINbus, SPI, UART/USART	I²C, IrDA, LINbus, SPI, UART/USART	CANbus, I²C, IrDA, LINbus, SPI, UART/USART	I²C, IrDA, LINbus, SPI, UART/USART
Supplier Device Package	28-SSOP	28-UQFN (4x4)	80-TQFP (12x12)	48-TQFP (7x7)
Speed	100MHz	100MHz	100MHz	100MHz
Series	dsPIC™ 33CK, Functional Safety (FuSa)	Automotive, AEC-Q100, dsPIC™ 33CK, Functional Safety (FuSa)	dsPIC™ 33CK, Functional Safety (FuSa)	Automotive, AEC-Q100, dsPIC™ 33CK, Functional Safety (FuSa)
Oscillator Type	Internal	Internal	Internal	Internal
Package / Case	28-SSOP (0.209", 5.30mm Width)	28-UQFN Exposed Pad	80-TQFP	48-TQFP
Core Processor	dsPIC	dsPIC	dsPIC	dsPIC
Package	Tube	Tube	Tray	Tray
Number of I/O	21	21	69	39
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Voltage - Supply (Vcc/Vdd)	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V
EEPROM Size	-	-	-	-
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, QEI, Smart Card, WDT	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, Smart Card, WDT	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDT	Brown-out Detect/Reset, DMA, POR, PWM, QEI, Smart Card, WDT
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Core Size	16-Bit	16-Bit	16-Bit	16-Bit
Base Product Number	DSPIC33CK32MP102	DSPIC33CK64MC102	DSPIC33CK256MP508	DSPIC33CK64MP105

DSPIC33CK32MP102-I/SS Datasheet PDF

Download DSPIC33CK32MP102-I/SS pdf datasheets and Microchip Technology documentation for DSPIC33CK32MP102-I/SS - Microchip Technology.

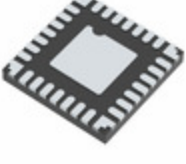





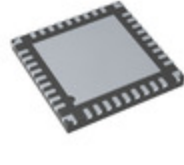
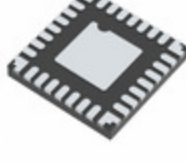
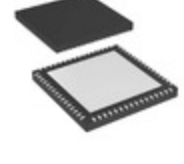
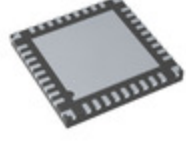


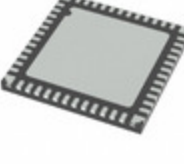
Datasheets

dsPIC33CK64MP105 Family Datasheet.pdf

PCN Design/Specification

Customers Also Interested in

Recommended Products

 DSPIC33CK64MC102-E/M6 Microchip Technology IC MCU 16BIT 64KB FLASH 28UQFN	 DSPIC33CK256MP508-I/PT Microchip Technology IC MCU 16BIT 256KB FLASH 80TQFP	 DSPIC33CK64MP105-E/PT Microchip Technology IC MCU 16BIT 64KB FLASH 48TQFP	 DSPIC33CK32MP205-I/PT Microchip Technology IC MCU 16BIT 32KB FLASH 48TQFP	 DSPIC33CK32MC105-E/PT Microchip Technology IC MCU 16BIT 32KB FLASH 48TQFP	 DSPIC33CK32MC102-I/SS Microchip Technology IC MCU 16BIT 32KB FLASH 28SSOP
 DSPIC33CK32MC103-E/M5VAO Microc	 DSPIC33CK32MC103-E/M5 Microchip Technology IC MCU 16BIT 32KB FLASH 36UQFN	 DSPIC33CK32MP102-E/M6 Microchip Technology IC MCU 16BIT 32KB FLASH 28UQFN	 DSPIC33CK32MP105-I/PT Microchip Technology IC MCU 16BIT 32KB FLASH 48TQFP	 DSPIC33CK64MP102-E/SS Microchip Technology IC MCU 16BIT 64KB FLASH 28SSOP	 DSPIC33CK32MP105-I/PT Microchip Technology IC MCU 16BIT 32KB FLASH 48TQFP
 DSPIC33CK32MC105-I/M4 Microchip Technology IC MCU 16BIT 32KB FLASH 48UQFN	 DSPIC33CK32MP506-I/MR Microchip Technology IC MCU 16BIT 32KB FLASH 64QFN	 DSPIC33CK64MC103-I/M5 Microchip Technology IC MCU 16BIT 64KB FLASH 36UQFN	 DSPIC33CK256MP506-I/PT Microchip Technology IC MCU 16BIT 256KB FLASH 64TQFP	 DSPIC33CK32MC103T-E/M5 Microc	 DSPIC33CK32MP105-I/M4 Microchip Technology IC MCU 16BIT 32KB FLASH 48UQFN

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

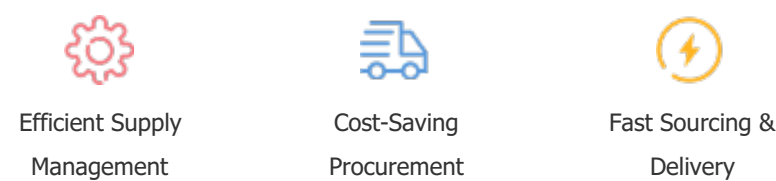
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

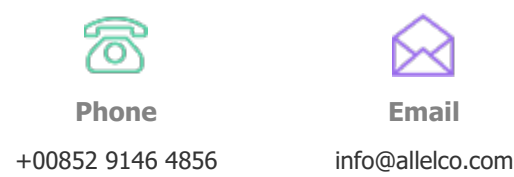
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



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