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See specifications for product details.



PIC32MX120F032B-I/SS

Manufacturer Part Number **PIC32MX120F032B-I/SS**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-PIC32MX120F032B-I/SS**

ECAD Model PCB Symbol, Footprint & 3D Model

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

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

Data sheet **PIC32 Microcontroller Brochure.pdf**

PIC32MX1xx/2xx 28/36/44-PIN.pdf

RoHs Status **ROHS3 Compliant**

Get a Quote

PIC32MX120F032B-I/SS - Microchip Technology.New Original in Stock. Download Linear Technology PIC32MX120F032B-I/SS datasheet/specifications on AllelcoElec.com. Request a quote for PIC32MX120F032B-I/SS, please send us email: info@allelco.com

Specifications

PIC32MX120F032B-I/SS Tech Specifications

PIC32MX120F032B-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)	2.3V ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	28-SSOP	Number of I/O	21
Speed	40MHz	Mounting Type	Surface Mount
Series	PIC® 32MX	EEPROM Size	-
RAM Size	8K x 8	Data Converters	A/D 10x10b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	32KB (32K x 8)	Core Processor	MIPS32® M4K™
Peripherals	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT	Connectivity	I²C, IrDA, LINbus, PMP, SPI, UART/USART
Package / Case	28-SSOP (0.209", 5.30mm Width)	Base Product Number	PIC32MX120
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC32MX120F032B-I/SS

Product Attribute				
Part Number	PIC32MX120F032B-I/SS	PIC32MM0256GPM064T-I/PT	PIC32MX120F032DT-I/PT	PIC32MX130F064B-V/ML
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Data Converters	A/D 10x10b	A/D 20x10/12b	A/D 13x10b	A/D 10x10b
Supplier Device Package	28-SSOP	64-TQFP (10x10)	44-TQFP (10x10)	28-QFN (6x6)
Core Processor	MIPS32® M4K™	MIPS32® microAptiv™	MIPS32® M4K™	MIPS32® M4K™
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Series	PIC® 32MX	PIC® 32MM	PIC® 32MX	Automotive, AEC-Q100, PIC® 32MX
Oscillator Type	Internal	Internal	Internal	Internal
Number of I/O	21	52	35	21
RAM Size	8K x 8	32K x 8	8K x 8	16K x 8
Connectivity	I²C, IrDA, LINbus, PMP, SPI, UART/USART	IrDA, LINbus, SPI, UART/USART, USB, USB OTG	I²C, IrDA, LINbus, PMP, SPI, UART/USART	I²C, IrDA, LINbus, PMP, SPI, UART/USART
Base Product Number	PIC32MX120	PIC32MM0256GPM064	PIC32MX120	PIC32MX130
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Package / Case	28-SSOP (0.209", 5.30mm Width)	64-TQFP	44-TQFP	28-VQFN Exposed Pad
Speed	40MHz	25MHz	40MHz	40MHz
EEPROM Size	-	-	-	-
Peripherals	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT	Brown-out Detect/Reset, DMA, HLVD, I²S, POR, PWM, WDT	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT
Voltage - Supply (Vcc/Vdd)	2.3V ~ 3.6V	2V ~ 3.6V	2.3V ~ 3.6V	2.3V ~ 3.6V
Program Memory Size	32KB (32K x 8)	256KB (256K x 8)	32KB (32K x 8)	64KB (64K x 8)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 105°C (TA)

PIC32MX120F032B-I/SS Datasheet PDF

Download PIC32MX120F032B-I/SS pdf datasheets and Microchip Technology documentation for PIC32MX120F032B-I/SS - Microchip Technology.

PCN Packaging




Label and Packing Changes 23/Sep/2015.pdf




MBB/Label Chgs 16/Nov/2018.pdf

HTML Datasheet

 PIC32 Microcontroller Brochure.pdf

 PIC32MX1xx/2xx 28/36/44-PIN.pdf

PCN Design/Specification

 PIC32MX1XX/2XX 01/Oct/2019.pdf

PCN Assembly/Origin

 2.73KHz.pdf

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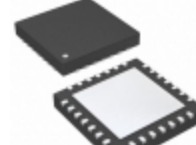
PIC32MM0256GPM064T-I/PT

Microchip Technology
IC MCU 32BIT 256KB FLASH 64TQFP



PIC32MX120F032DT-I/PT

Microchip Technology
IC MCU 32BIT 32KB FLASH 44TQFP



PIC32MX130F064B-V/ML

Microchip Technology
IC MCU 32BIT 64KB FLASH 28QFN



PIC32MX120F032BT-I/SS

Microchip Technology
IC MCU 32BIT 32KB FLASH 28SSOP



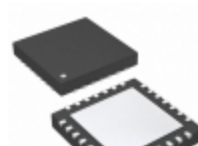
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Microchip Technology
IC MCU 32BIT 64KB FLASH 64TQFP



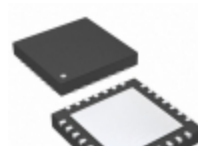
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IC MCU 32BIT 64KB FLASH 28SPDIP



PIC32MX110F016B-I/ML

Microchip Technology
IC MCU 32BIT 16KB FLASH 28QFN



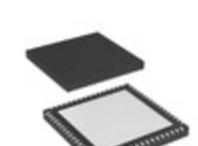
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IC MCU 32BIT 32KB FLASH 28QFN



PIC32MX130F064D-50I/PT

Microchip Technology
IC MCU 32BIT 64KB FLASH 44TQFP



PIC32MM0256GPM064-I/MR

Microchip Technology
IC MCU 32BIT 256KB FLASH 64QFN



PIC32MM0256GPM064-I/PT

Microchip Technology
IC MCU 32BIT 256KB FLASH 64TQFP



PIC32MM0256GPM048T-I/PT

Microchip Technology
IC MCU 32BIT 256KB FLASH 48TQFP



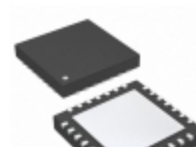
PIC32MX130F064B-I/SS

Microchip Technology
IC MCU 32BIT 64KB FLASH 28SSOP



PIC32MX110F016B-V/SO

Microchip Technology
IC MCU 32BIT 16KB FLASH 28SOIC



PIC32MX130F064B-I/ML

Microchip Technology
IC MCU 32BIT 64KB FLASH 28QFN



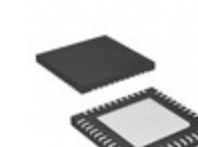
PIC32MX110F016B-I/SS

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IC MCU 32BIT 16KB FLASH 28SSOP



PIC32MX120F032D-I/PT

Microchip Technology
IC MCU 32BIT 32KB FLASH 44TQFP



PIC32MX130F064D-I/ML

Microchip Technology
IC MCU 32BIT 64KB FLASH 44QFN

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

Contact us if you have any questions.

-  Phone
+00852 9146 4856
-  Email
info@allelco.com

Certifications & Memberships



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