



Image may be representation.  
See specifications for product details.



## PIC32MX110F016B-I/SS

Manufacturer Part Number **PIC32MX110F016B-I/SS**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-PIC32MX110F016B-I/SS**

ECAD Model PCB Symbol, Footprint & 3D Model

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

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

Data sheet [PIC32 Microcontroller Brochure.pdf](#)

[PIC32 Microcontroller Brochure.pdf](#)

[PIC32MX1xx/2xx 28/36/44-PIN.pdf](#)

[PIC32MX1xx/2xx 28/36/44-PIN.pdf](#)

RoHs Status **ROHS3 Compliant**

**Get a Quote**

PIC32MX110F016B-I/SS - Microchip Technology.New Original in Stock. Download Linear Technology PIC32MX110F016B-I/SS datasheet/specifications on AllelcoElec.com. Request a quote for PIC32MX110F016B-I/SS, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

PIC32MX110F016B-I/SS Tech Specifications

PIC32MX110F016B-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	4K x 8	Data Converters	A/D 10x10b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	16KB (16K 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	PIC32MX110
Package	Tube		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC32MX110F016B-I/SS

Product Attribute				
Part Number	PIC32MX110F016B-I/SS	PIC32MX110F016B-I/ML	PIC32MM0256GPM064-I/MR	PIC32MX130F064B-I/ML
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Base Product Number	PIC32MX110	PIC32MX110	PIC32MM0256GPM064	PIC32MX130
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Core Processor	MIPS32® M4K™	MIPS32® M4K™	MIPS32® microAptiv™	MIPS32® M4K™
Speed	40MHz	40MHz	25MHz	40MHz
Package	Tube	Tube	Tube	Tube
Voltage - Supply (Vcc/Vdd)	2.3V ~ 3.6V	2.3V ~ 3.6V	2V ~ 3.6V	2.3V ~ 3.6V
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
Oscillator Type	Internal	Internal	Internal	Internal
Program Memory Size	16KB (16K x 8)	16KB (16K x 8)	256KB (256K x 8)	64KB (64K x 8)
Connectivity	I²C, IrDA, LINbus, PMP, SPI, UART/USART	I²C, IrDA, LINbus, PMP, SPI, UART/USART	IrDA, LINbus, SPI, UART/USART, USB, USB OTG	I²C, IrDA, LINbus, PMP, SPI, UART/USART
RAM Size	4K x 8	4K x 8	32K x 8	16K x 8
Package / Case	28-SSOP (0.209", 5.30mm Width)	28-VQFN Exposed Pad	64-VFQFN Exposed Pad	28-VQFN Exposed Pad
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Number of I/O	21	21	52	21
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
EEPROM Size	-	-	-	-
Peripherals	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT	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
Data Converters	A/D 10x10b	A/D 10x10b	A/D 20x10/12b	A/D 10x10b
Supplier Device Package	28-SSOP	28-QFN (6x6)	64-QFN (9x9)	28-QFN (6x6)
Series	PIC® 32MX	PIC® 32MX	PIC® 32MM	PIC® 32MX

## PIC32MX110F016B-I/SS Datasheet PDF

Download PIC32MX110F016B-I/SS pdf datasheets and Microchip Technology documentation for PIC32MX110F016B-I/SS - Microchip Technology.

### Datasheets

[PIC32 Microcontroller Brochure.pdf](#)

[PIC32MX1xx/2xx 28/36/44-PIN.pdf](#)

## 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

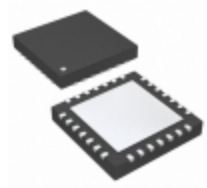
## PCN Assembly/Origin



Bond Wire 14/Jul/2017.pdf

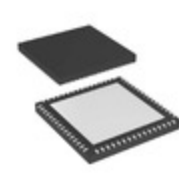
## Customers Also Interested in

### Recommended Products



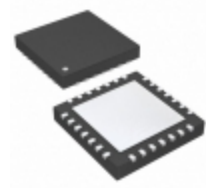
**PIC32MX110F016B-I/ML**

Microchip Technology  
IC MCU 32BIT 16KB FLASH 28QFN



**PIC32MM0256GPM064-I/MR**

Microchip Technology  
IC MCU 32BIT 256KB FLASH 64QFN



**PIC32MX130F064B-I/ML**

Microchip Technology  
IC MCU 32BIT 64KB FLASH 28QFN



**PIC32MM0256GPM028T-I/SS**

Microchip Technology  
IC MCU 32BIT 256KB FLASH 28SSOP



**PIC32MM0256GPM064T-I/PT**

Microchip Technology  
IC MCU 32BIT 256KB FLASH 64TQFP



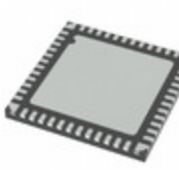
**PIC32MM0256GPM036-E/MV**

Microchip Technology  
IC MCU 32BIT 256KB FLASH 40UQFN



**PIC32MM0256GPM036T-I/MV**

Microchip Technology  
IC MCU 32BIT 256KB FLASH 40UQFN



**PIC32MM0256GPM048T-I/M4**

Microchip Technology  
IC MCU 32BIT 256KB FLASH 48UQFN



**PIC32MX120F064H-I/PT**

Microchip Technology  
IC MCU 32BIT 64KB FLASH 64TQFP



**PIC32MM0256GPM064-I/PT**

Microchip Technology  
IC MCU 32BIT 256KB FLASH 64TQFP



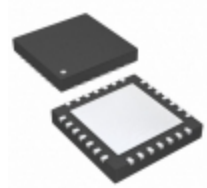
**PIC32MX120F032D-I/PT**

Microchip Technology  
IC MCU 32BIT 32KB FLASH 44TQFP



**PIC32MX110F016B-V/SO**

Microchip Technology  
IC MCU 32BIT 16KB FLASH 28SOIC



**PIC32MX120F032B-I/ML**

Microchip Technology  
IC MCU 32BIT 32KB FLASH 28QFN



**PIC32MX120F032BT-I/SS**

Microchip Technology  
IC MCU 32BIT 32KB FLASH 28SSOP



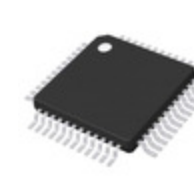
**PIC32MX120F032B-I/SS**

Microchip Technology  
IC MCU 32BIT 32KB FLASH 28SSOP



**PIC32MX120F032DT-I/PT**

Microchip Technology  
IC MCU 32BIT 32KB FLASH 44TQFP



**PIC32MM0256GPM048-I/PT**

Microchip Technology  
IC MCU 32BIT 256KB FLASH 48TQFP



**PIC32MM0256GPM048T-I/PT**

Microchip Technology  
IC MCU 32BIT 256KB FLASH 48TQFP

## 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



View More

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