



Image may be representation.
See specifications for product details.



PIC32MX130F128H-I/PT

Manufacturer Part Number **PIC32MX130F128H-I/PT**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-PIC32MX130F128H-I/PT**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC MCU 32BIT 128KB FLASH 64TQFP**

Package **64-TQFP**

Data sheet **[Cylindrical Battery Holders.pdf](#)**

[PIC32MX1xx,2xx,5xx Datasheet.pdf](#)

RoHs Status **ROHS3 Compliant**

Get a Quote

PIC32MX130F128H-I/PT - Microchip Technology. New Original in Stock. Download Linear Technology PIC32MX130F128H-I/PT datasheet/specifications on AllelcoElec.com. Request a quote for PIC32MX130F128H-I/PT, please send us email: info@allelco.com

Specifications

PIC32MX130F128H-I/PT Tech Specifications

PIC32MX130F128H-I/PT - 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	64-TQFP (10x10)	Number of I/O	53
Speed	40MHz	Mounting Type	Surface Mount
Series	PIC® 32MX	EEPROM Size	-
RAM Size	16K x 8	Data Converters	A/D 28x10b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	128KB (128K 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	64-TQFP	Base Product Number	PIC32MX130
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC32MX130F128H-I/PT

Product Attribute				
Part Number	PIC32MX130F128H-I/PT	PIC32MX150F128B-50I/SS	PIC32MX120F064H-I/PT	PIC32MX130F128L-I/PT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Supplier Device Package	64-TQFP (10x10)	28-SSOP	64-TQFP (10x10)	100-TQFP (12x12)
Core Processor	MIPS32® M4K™	MIPS32® M4K™	MIPS32® M4K™	MIPS32® M4K™
Number of I/O	53	21	53	85
Package	Tray	Tube	Tray	Tray
Base Product Number	PIC32MX130	PIC32MX150	PIC32MX120	PIC32MX130
Voltage - Supply (Vcc/Vdd)	2.3V ~ 3.6V	2.3V ~ 3.6V	2.3V ~ 3.6V	2.3V ~ 3.6V
Series	PIC® 32MX	PIC® 32MX	PIC® 32MX	PIC® 32MX
Connectivity	I²C, IrDA, LINbus, PMP, SPI, UART/USART	I²C, IrDA, LINbus, PMP, SPI, UART/USART	I²C, IrDA, LINbus, PMP, SPI, UART/USART	I²C, IrDA, LINbus, PMP, SPI, UART/USART
Package / Case	64-TQFP	28-SSOP (0.209", 5.30mm Width)	64-TQFP	100-TQFP
Program Memory Size	128KB (128K x 8)	128KB (128K x 8)	64KB (64K x 8)	128KB (128K x 8)
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Speed	40MHz	50MHz	40MHz	40MHz
EEPROM Size	-	-	-	-
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
RAM Size	16K x 8	32K x 8	8K x 8	16K x 8
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Oscillator Type	Internal	Internal	Internal	Internal
Peripherals	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT
Data Converters	A/D 28x10b	A/D 10x10b	A/D 28x10b	A/D 48x10b

PIC32MX130F128H-I/PT Datasheet PDF

Download PIC32MX130F128H-I/PT pdf datasheets and Microchip Technology documentation for PIC32MX130F128H-I/PT - Microchip Technology.

Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Packaging

Label and Packing Changes 23/Sep/2015.pdf

MBB/Label Chgs 16/Nov/2018.pdf

PCN Design/Specification

Cancellation Notice 06/Jun/2016.pdf

New DeviceDoc 23/May/2016.pdf

PCN Assembly/Origin






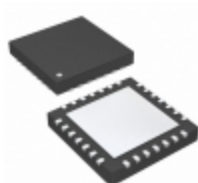

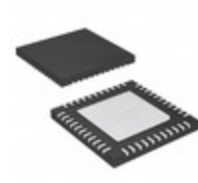

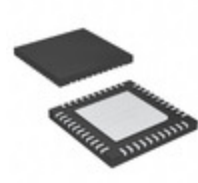



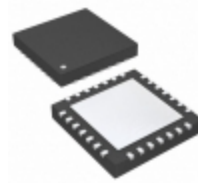

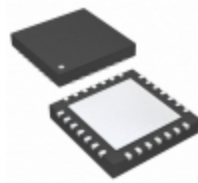
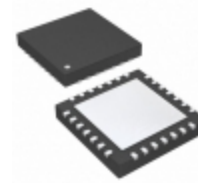

2.73KHz.pdf

HTML Datasheet

PIC32MX1xx,2xx,5xx Datasheet.pdf

Customers Also Interested in

Recommended Products

					
PIC32MX150F128B-50I/SS	PIC32MX120F064H-I/PT	PIC32MX130F128L-I/PT	PIC32MX120F032D-I/PT	PIC32MX130F064B-I/SP	PIC32MX130F256B-V/ML
Microchip Technology IC MCU 32BIT 128KB FLASH 28SSOP	Microchip Technology IC MCU 32BIT 64KB FLASH 64TQFP	Microchip Technology IC MCU 32BIT 128KB FLASH 100TQFP	Microchip Technology IC MCU 32BIT 32KB FLASH 44TQFP	Microchip Technology IC MCU 32BIT 64KB FLASH 28SPDIP	Microchip Technology IC MCU 32BIT 256KB FLASH 28QFN
					
PIC32MX130F064D-I/PT	PIC32MX130F256D-I/ML	PIC32MX130F064B-I/SS	PIC32MX130F064D-I/ML	PIC32MX130F064D-50I/PT	PIC32MX150F128B-I/SP
Microchip Technology IC MCU 32BIT 64KB FLASH 44TQFP	Microchip Technology IC MCU 32BIT 256KB FLASH 44QFN	Microchip Technology IC MCU 32BIT 64KB FLASH 28SSOP	Microchip Technology IC MCU 32BIT 64KB FLASH 44QFN	Microchip Technology IC MCU 32BIT 64KB FLASH 44TQFP	Microchip Technology IC MCU 32BIT 128KB FLASH 28SPDIP
					
PIC32MX130F128L-I/PF	PIC32MX130F064B-V/ML	PIC32MX150F128B-I/SO	PIC32MX130F256B-I/ML	PIC32MX130F064B-I/ML	PIC32MX120F032DT-I/PT
Microchip Technology IC MCU 32BIT 128KB FLASH 100TQFP	Microchip Technology IC MCU 32BIT 64KB FLASH 28QFN	Microchip Technology IC MCU 32BIT 128KB FLASH 28SOIC	Microchip Technology IC MCU 32BIT 256KB FLASH 28QFN	Microchip Technology IC MCU 32BIT 64KB FLASH 28QFN	Microchip Technology IC MCU 32BIT 32KB FLASH 44TQFP

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

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@allelco.com

