



Image may be representation.
See specifications for product details.



PIC32MX250F256H-I/PT

Manufacturer Part Number **PIC32MX250F256H-I/PT**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-PIC32MX250F256H-I/PT**

ECAD Model PCB Symbol, Footprint & 3D Model

Parts Description **IC MCU 32BIT 256KB FLASH 64TQFP**

Package **64-TQFP**

Data sheet **Cylindrical Battery Holders.pdf**

PIC32MX1xx,2xx,5xx Datasheet.pdf

RoHs Status **ROHS3 Compliant**

Get a Quote

PIC32MX250F256H-I/PT - Microchip Technology. New Original in Stock. Download Linear Technology PIC32MX250F256H-I/PT datasheet/specifications on AllelcoElec.com. Request a quote for PIC32MX250F256H-I/PT, please send us email: info@allelco.com

Specifications

PIC32MX250F256H-I/PT Tech Specifications

PIC32MX250F256H-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	49
Speed	40MHz	Mounting Type	Surface Mount
Series	PIC® 32MX	EEPROM Size	-
RAM Size	32K x 8	Data Converters	A/D 28x10b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	256KB (256K x 8)	Core Processor	MIPS32® M4K™
Peripherals	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT	Connectivity	I²C, IrDA, LINbus, PMP, SPI, UART/USART, USB OTG
Package / Case	64-TQFP	Base Product Number	PIC32MX250
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC32MX250F256H-I/PT

Product Attribute				
Part Number	PIC32MX250F256H-I/PT	PIC32MX250F256HT-50I/MR	PIC32MX270F256B-I/SS	PIC32MX270F256D-I/PT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Series	PIC® 32MX	PIC® 32MX	PIC® 32MX	PIC® 32MX
Voltage - Supply (Vcc/Vdd)	2.3V ~ 3.6V	2.3V ~ 3.6V	2.3V ~ 3.6V	2.3V ~ 3.6V
RAM Size	32K x 8	32K x 8	64K x 8	64K x 8
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	64-TQFP (10x10)	64-QFN (9x9)	28-SSOP	44-TQFP (10x10)
Core Processor	MIPS32® M4K™	MIPS32® M4K™	MIPS32® M4K™	MIPS32® M4K™
Connectivity	I²C, IrDA, LINbus, PMP, SPI, UART/USART, USB OTG	I²C, IrDA, LINbus, PMP, SPI, UART/USART, USB OTG	I²C, IrDA, LINbus, SPI, UART/USART, USB OTG	I²C, IrDA, LINbus, SPI, UART/USART, USB OTG
EEPROM Size	-	-	-	-
Package	Tray	Tape & Reel (TR)	Tube	Tray
Package / Case	64-TQFP	64-VFQFN Exposed Pad	28-SSOP (0.209", 5.30mm Width)	44-TQFP
Program Memory Size	256KB (256K x 8)	256KB (256K x 8)	256KB (256K x 8)	256KB (256K x 8)
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Data Converters	A/D 28x10b	A/D 28x10b	A/D 9x10b	A/D 13x10b
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
Base Product Number	PIC32MX250	PIC32MX250	PIC32MX270	PIC32MX270
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
Number of I/O	49	49	19	33
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Speed	40MHz	50MHz	40MHz	40MHz
Oscillator Type	Internal	Internal	Internal	Internal

PIC32MX250F256H-I/PT Datasheet PDF

Download PIC32MX250F256H-I/PT pdf datasheets and Microchip Technology documentation for PIC32MX250F256H-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

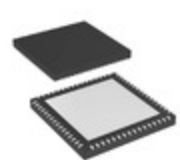
 2.73KHz.pdf

HTML Datasheet

 PIC32MX1xx,2xx,5xx Datasheet.pdf

Customers Also Interested in

Recommended Products



PIC32MX250F256HT-50I/MR

Microchip Technology
IC MCU 32BIT 256KB FLASH 64QFN



PIC32MX270F256B-I/SS

Microchip Technology
IC MCU 32BIT 256KB FLASH 28SSOP



PIC32MX270F256D-I/PT

Microchip Technology
IC MCU 32BIT 256KB FLASH 44TQFP



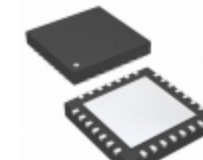
PIC32MX250F128BT-I/SS

Microchip Technology
IC MCU 32BIT 128KB FLASH 28SSOP



PIC32MX250F128D-I/PT

Microchip Technology
IC MCU 32BIT 128KB FLASH 44TQFP



PIC32MX250F128BT-I/ML

Microchip Technology
IC MCU 32BIT 128KB FLASH 28QFN



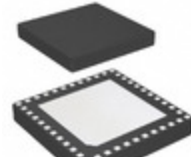
PIC32MX250F128D-V/PT

Microchip Technology
IC MCU 32BIT 128KB FLASH 44TQFP



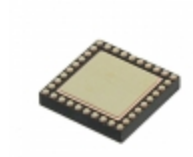
PIC32MX270F256D-50I/PT

Microchip Technology
IC MCU 32BIT 256KB FLASH 44TQFP



PIC32MX270F256D-I/TL

Microchip Technology
IC MCU 32BIT 256KB FLASH 44VTLA



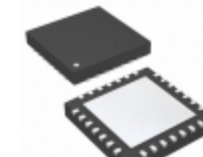
PIC32MX250F128C-I/TL

Microchip Technology
IC MCU 32BIT 128KB FLASH 36VTLA



PIC32MX250F128DT-I/PT

Microchip Technology
IC MCU 32BIT 128KB FLASH 44TQFP



PIC32MX270F256B-I/ML

Microchip Technology
IC MCU 32BIT 256KB FLASH 28QFN



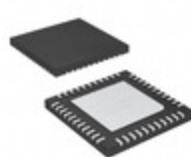
PIC32MX270F256B-50I/SP

Microchip Technology
IC MCU 32BIT 256KB FLASH 28SPDIP



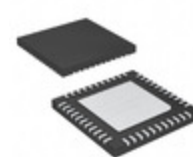
PIC32MX250F128D-50I/PT

Microchip Technology
IC MCU 32BIT 128KB FLASH 44TQFP



PIC32MX250F128D-V/ML

Microchip Technology
IC MCU 32BIT 128KB FLASH 44QFN



PIC32MX250F128D-I/ML

Microchip Technology
IC MCU 32BIT 128KB FLASH 44QFN



PIC32MX250F256H-50I/PT

Microchip Technology
IC MCU 32BIT 256KB FLASH 64TQFP



PIC32MX254F128BT-V/SO

Microchip Technology
IC MCU 32BIT 128KB FLASH 28SOIC

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



View More

