



Image may be representation.  
See specifications for product details.



## PIC32MM0256GPM064-I/PT

Manufacturer Part Number	<b>PIC32MM0256GPM064-I/PT</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-PIC32MM0256GPM064-I/PT
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 32BIT 256KB FLASH 64TQFP
Package	64-TQFP
Data sheet	<b>PIC32MM0256GPM064 Family Datasheet.pdf</b>
RoHS Status	<b>ROHS3 Compliant</b>

**Get a Quote**

PIC32MM0256GPM064-I/PT - Microchip Technology.New Original in Stock. Download Linear Technology PIC32MM0256GPM064-I/PT datasheet/specifications on AllelcoElec.com.  
Request a quote for PIC32MM0256GPM064-I/PT, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

PIC32MM0256GPM064-I/PT Tech Specifications  
PIC32MM0256GPM064-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)	2V ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	64-TQFP (10x10)	Number of I/O	52
Speed	25MHz	Mounting Type	Surface Mount
Series	PIC® 32MM	EEPROM Size	-
RAM Size	32K x 8	Data Converters	A/D 20x10/12b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	256KB (256K x 8)	Core Processor	MIPS32® microAptiv™
Peripherals	Brown-out Detect/Reset, DMA, HLVD, I <sup>2</sup> S, POR, PWM, WDT	Connectivity	IrDA, LINbus, SPI, UART/USART, USB, USB OTG
Package / Case	64-TQFP	Base Product Number	PIC32MM0256GPM064
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC32MM0256GPM064-I/PT

Product Attribute				
Part Number	PIC32MM0256GPM064-I/PT	PIC32MX110F016B-I/ML	PIC32MX120F032B-I/ML	PIC32MM0256GPM036T-I/MV
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Number of I/O	52	21	21	27
Voltage - Supply (Vcc/Vdd)	2V ~ 3.6V	2.3V ~ 3.6V	2.3V ~ 3.6V	2V ~ 3.6V
Package / Case	64-TQFP	28-VQFN Exposed Pad	28-VQFN Exposed Pad	40-UQFN Exposed Pad
Oscillator Type	Internal	Internal	Internal	Internal
EEPROM Size	-	-	-	-
Peripherals	Brown-out Detect/Reset, DMA, HLVD, I <sup>2</sup> S, POR, PWM, WDT	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, WDT	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, WDT	Brown-out Detect/Reset, DMA, HLVD, I <sup>2</sup> S, POR, PWM, WDT
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Package	Tray	Tube	Tube	Tape & Reel (TR)
Supplier Device Package	64-TQFP (10x10)	28-QFN (6x6)	28-QFN (6x6)	40-UQFN (5x5)
Data Converters	A/D 20x10/12b	A/D 10x10b	A/D 10x10b	A/D 15x10/12b
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Core Processor	MIPS32® microAptiv™	MIPS32® M4K™	MIPS32® M4K™	MIPS32® microAptiv™
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Connectivity	IrDA, LINbus, SPI, UART/USART, USB, USB OTG	I <sup>2</sup> C, IrDA, LINbus, PMP, SPI, UART/USART	I <sup>2</sup> C, IrDA, LINbus, PMP, SPI, UART/USART	IrDA, LINbus, SPI, UART/USART, USB, USB OTG
Series	PIC® 32MM	PIC® 32MX	PIC® 32MX	PIC® 32MM
Base Product Number	PIC32MM0256GPM064	PIC32MX110	PIC32MX120	PIC32MM0256GPM036
Program Memory Size	256KB (256K x 8)	16KB (16K x 8)	32KB (32K x 8)	256KB (256K x 8)
Speed	25MHz	40MHz	40MHz	25MHz
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
RAM Size	32K x 8	4K x 8	8K x 8	32K x 8

### PIC32MM0256GPM064-I/PT Datasheet PDF

Download PIC32MM0256GPM064-I/PT pdf datasheets and Microchip Technology documentation for PIC32MM0256GPM064-I/PT - Microchip Technology.

#### HTML Datasheet

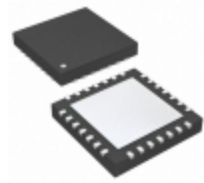
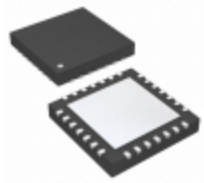



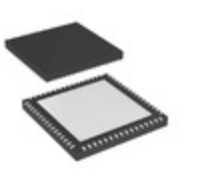
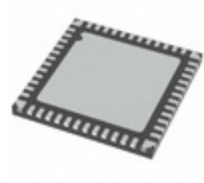

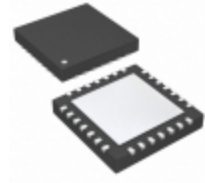
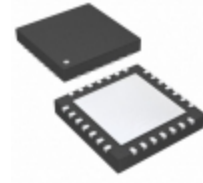








[PIC32MM0256GPM064 Family Datasheet.pdf](#)

#### PCN Design/Specification

[PIC32MM0256GPM064 26/Apr/2019.pdf](#)

## Customers Also Interested in

### Recommended Products

					
<b>PIC32MX110F016B-I/ML</b>	<b>PIC32MX120F032B-I/ML</b>	<b>PIC32MM0256GPM036T-I/MV</b>	<b>PIC32MM0256GPM036-E/MV</b>	<b>PIC32MX120F032D-I/PT</b>	<b>PIC32MM0256GPM064-I/MR</b>
Microchip Technology IC MCU 32BIT 16KB FLASH 28QFN	Microchip Technology IC MCU 32BIT 32KB FLASH 28QFN	Microchip Technology IC MCU 32BIT 256KB FLASH 40UQFN	Microchip Technology IC MCU 32BIT 256KB FLASH 40UQFN	Microchip Technology IC MCU 32BIT 32KB FLASH 44TQFP	Microchip Technology IC MCU 32BIT 256KB FLASH 64QFN
					
<b>PIC32MM0256GPM048T-I/M4</b>	<b>PIC32MM0256GPM028-I/SS</b>	<b>PIC32MM0256GPM028-I/ML</b>	<b>PIC32MM0256GPM028T-I/ML</b>	<b>PIC32MX110F016B-I/SS</b>	<b>PIC32MM0256GPM028T-I/SS</b>
Microchip Technology IC MCU 32BIT 256KB FLASH 48UQFN	Microchip Technology IC MCU 32BIT 256KB FLASH 28SSOP	Microchip Technology IC MCU 32BIT 256KB FLASH 28QFN	Microchip Technology IC MCU 32BIT 256KB FLASH 28QFN	Microchip Technology IC MCU 32BIT 16KB FLASH 28SSOP	Microchip Technology IC MCU 32BIT 256KB FLASH 28SSOP
					
<b>PIC32MM0256GPM048T-I/PT</b>	<b>PIC32MM0256GPM064T-I/PT</b>	<b>PIC32MX110F016B-V/SO</b>	<b>PIC32MX120F032BT-I/SS</b>	<b>PIC32MM0256GPM048-I/PT</b>	<b>PIC32MX120F032B-I/SS</b>
Microchip Technology IC MCU 32BIT 256KB FLASH 48TQFP	Microchip Technology IC MCU 32BIT 256KB FLASH 64TQFP	Microchip Technology IC MCU 32BIT 16KB FLASH 28SOIC	Microchip Technology IC MCU 32BIT 32KB FLASH 28SSOP	Microchip Technology IC MCU 32BIT 256KB FLASH 48TQFP	Microchip Technology IC MCU 32BIT 32KB FLASH 28SSOP

## 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.

	
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### Certifications & Memberships



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