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See specifications for product details.



PIC32MX775F256H-80I/MR

Manufacturer Part Number **PIC32MX775F256H-80I/MR**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-PIC32MX775F256H-80I/MR**

ECAD Model Request Free CAD Models

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

Package **64-VFQFN Exposed Pad**

Data sheet **PIC32MX Flash Programming Spec.pdf**

PIC32 PHY Support.pdf

PIC32MX5xx/6xx/7xx.pdf

RoHs Status **ROHS3 Compliant**

Get a Quote

PIC32MX775F256H-80I/MR - Microchip Technology. New Original in Stock. Download Linear Technology PIC32MX775F256H-80I/MR datasheet/specifications on AllelcoElec.com.

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Specifications

PIC32MX775F256H-80I/MR Tech Specifications

PIC32MX775F256H-80I/MR - 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-VQFN (9x9)	Number of I/O	53
Speed	80MHz	Mounting Type	Surface Mount
Series	PIC® 32MX	EEPROM Size	-
RAM Size	64K x 8	Data Converters	A/D 16x10b
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, POR, PWM, WDT	Connectivity	CANbus, Ethernet, I²C, SPI, UART/USART, USB OTG
Package / Case	64-VFQFN Exposed Pad	Base Product Number	PIC32MX775
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC32MX775F256H-80I/MR

Product Attribute				
Part Number	PIC32MX775F256H-80I/MR	PIC32MX795F512L-80I/BG	PIC32MX775F256H-80I/PT	PIC32MX764F128H-I/PT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Speed	80MHz	80MHz	80MHz	80MHz
EEPROM Size	-	-	-	-
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of I/O	53	-	53	53
Program Memory Size	256KB (256K x 8)	512KB (512K x 8)	256KB (256K x 8)	128KB (128K x 8)
Package / Case	64-VFQFN Exposed Pad	121-TFBGA	64-TQFP	64-TQFP
Package	Tube	Tray	Tray	Tray
Core Processor	MIPS32® M4K™	MIPS32® M4K™	MIPS32® M4K™	MIPS32® M4K™
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
Supplier Device Package	64-VQFN (9x9)	121-TFBGA (10x10)	64-TQFP (10x10)	64-TQFP (10x10)
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
Oscillator Type	Internal	Internal	Internal	Internal
RAM Size	64K x 8	128K x 8	64K x 8	32K x 8
Data Converters	A/D 16x10b	A/D 16x10b	A/D 16x10b	A/D 16x10b
Connectivity	CANbus, Ethernet, I²C, SPI, UART/USART, USB OTG	CANbus, Ethernet, I²C, SPI, UART/USART, USB OTG	CANbus, Ethernet, I²C, SPI, UART/USART, USB OTG	CANbus, Ethernet, I²C, SPI, UART/USART, USB OTG
Base Product Number	PIC32MX775	PIC32MX795	PIC32MX775	PIC32MX764

PIC32MX775F256H-80I/MR Datasheet PDF

Download PIC32MX775F256H-80I/MR pdf datasheets and Microchip Technology documentation for PIC32MX775F256H-80I/MR - Microchip Technology.

PCN Packaging





Label and Packing Changes 23/Sep/2015.pdf



MBB/Label Chgs 16/Nov/2018.pdf

HTML Datasheet

 PIC32MX Flash Programming Spec.pdf

 PIC32 PHY Support.pdf

 PIC32MX5xx/6xx/7xx.pdf

PCN Assembly/Origin

 2.73KHz.pdf

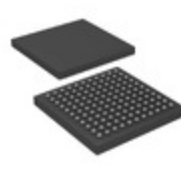


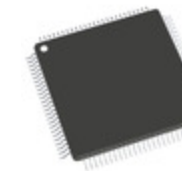
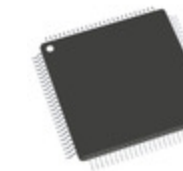
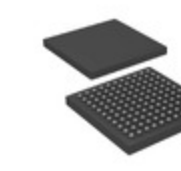

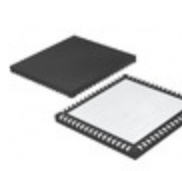
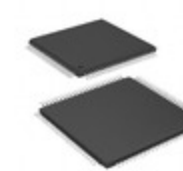
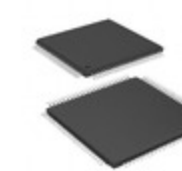
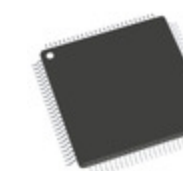
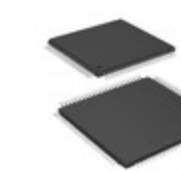
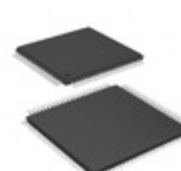
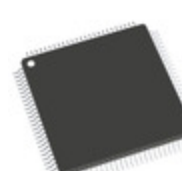
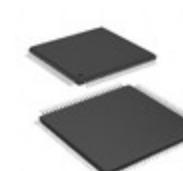
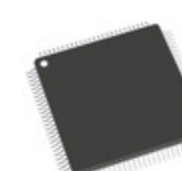

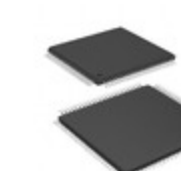
PCN Design/Specification

 PIC32MX5XX/6XX/7XX 01/Oct/2019.pdf

 PIC32MX5yy/6yy/7yy DataSheet Update 21/Sep/2016.pdf

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Recommended Products

					
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Microchip Technology IC MCU 32BIT 512KB FLSH 121TFBGA	Microchip Technology IC MCU 32BIT 256KB FLASH 64TQFP	Microchip Technology IC MCU 32BIT 128KB FLASH 64TQFP	Microchip Technology IC MCU 32BIT 512KB FLASH 100TQFP	Microchip Technology IC MCU 32BIT 512KB FLASH 100TQFP	Microchip Technology IC MCU 32BIT 512KB FLSH 121TFBGA
					
PIC32MX695F512H-80V/PT	PIC32MX695F512H-80V/MR	PIC32MX695F512L-80I/PT	PIC32MX695F512L-80I/PT	PIC32MX695F512L-80V/PF	PIC32MX795F512L-80V/PT
Microchip Technology IC MCU 32BIT 512KB FLASH 64TQFP	Microchip Technology IC MCU 32BIT 512KB FLASH 64VQFN	Microchip Technology IC MCU 32BIT 512KB FLASH 100TQFP	Microchip Technology IC MCU 32BIT 512KB FLASH 100TQFP	Microchip Technology IC MCU 32BIT 512KB FLASH 100TQFP	Microchip Technology IC MCU 32BIT 512KB FLASH 100TQFP
					
PIC32MX695F512L-80V/PT	PIC32MX795F512L-80I/PF	PIC32MX795F512L-80I/PT	PIC32MX795F512L-80I/PF	PIC32MX775F512H-80I/PT	PIC32MX775F256L-80I/PT
Microchip Technology IC MCU 32BIT 512KB FLASH 100TQFP	Microchip Technology IC MCU 32BIT 512KB FLASH 100TQFP	Microchip Technology IC MCU 32BIT 512KB FLASH 100TQFP	Microchip Technology IC MCU 32BIT 512KB FLASH 100TQFP	Microchip Technology IC MCU 32BIT 512KB FLASH 64TQFP	Microchip Technology IC MCU 32BIT 256KB FLASH 100TQFP

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,
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Contact us if you have any questions.

	
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