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See specifications for product details.



PIC32MX675F512H-80V/PT

Manufacturer Part Number	PIC32MX675F512H-80V/PT
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC32MX675F512H-80V/PT
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 32BIT 512KB FLASH 64TQFP
Package	64-TQFP
Data sheet	PIC32MX Flash Programming Spec.pdf PIC32 PHY Support.pdf PIC32MX5xx/6xx/7xx.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

PIC32MX675F512H-80V/PT - Microchip Technology. New Original in Stock. Download Linear Technology PIC32MX675F512H-80V/PT datasheet/specifications on AllelcoElec.com.
Request a quote for PIC32MX675F512H-80V/PT, please send us email: info@allelco.com

Specifications

PIC32MX675F512H-80V/PT Tech Specifications
PIC32MX675F512H-80V/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 ~ 105°C (TA)
Supplier Device Package	64-TQFP (10x10)	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	512KB (512K x 8)	Core Processor	MIPS32® M4K™
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Connectivity	Ethernet, I²C, SPI, UART/USART, USB OTG
Package / Case	64-TQFP	Base Product Number	PIC32MX675
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC32MX675F512H-80V/PT

Product Attribute				
Part Number	PIC32MX675F512H-80V/PT	PIC32MX695F512L-80I/PT	PIC32MX664F064H-I/PT	PIC32MX664F128H-I/PT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Connectivity	Ethernet, I²C, SPI, UART/USART, USB OTG	Ethernet, I²C, SPI, UART/USART, USB OTG	Ethernet, I²C, SPI, UART/USART, USB OTG	Ethernet, I²C, SPI, UART/USART, USB OTG
Series	PIC® 32MX	PIC® 32MX	PIC® 32MX	PIC® 32MX
RAM Size	64K x 8	128K x 8	32K x 8	32K x 8
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
Package / Case	64-TQFP	100-TQFP	64-TQFP	64-TQFP
EEPROM Size	-	-	-	-
Base Product Number	PIC32MX675	PIC32MX695	PIC32MX664	PIC32MX664
Program Memory Size	512KB (512K x 8)	512KB (512K x 8)	64KB (64K x 8)	128KB (128K x 8)
Operating Temperature	-40°C ~ 105°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Data Converters	A/D 16x10b	A/D 16x10b	A/D 16x10b	A/D 16x10b
Supplier Device Package	64-TQFP (10x10)	100-TQFP (12x12)	64-TQFP (10x10)	64-TQFP (10x10)
Number of I/O	53	85	53	53
Oscillator Type	Internal	Internal	Internal	Internal
Core Processor	MIPS32® M4K™	MIPS32® M4K™	MIPS32® M4K™	MIPS32® M4K™
Package	Tray	Tray	Tray	Tray
Voltage - Supply (Vcc/Vdd)	2.3V ~ 3.6V	2.3V ~ 3.6V	2.3V ~ 3.6V	2.3V ~ 3.6V
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
Speed	80MHz	80MHz	80MHz	80MHz

PIC32MX675F512H-80V/PT Datasheet PDF

Download PIC32MX675F512H-80V/PT pdf datasheets and Microchip Technology documentation for PIC32MX675F512H-80V/PT - 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

Wire 27/Mar/2018.pdf

PCN Design/Specification

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

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

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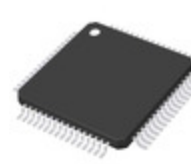
PIC32MX695F512L-80I/PT

Microchip Technology
IC MCU 32BIT 512KB FLASH 100TQFP



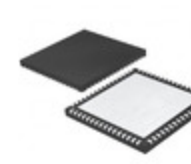
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IC MCU 32BIT 64KB FLASH 64TQFP



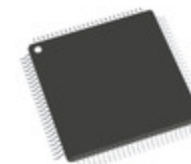
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IC MCU 32BIT 128KB FLASH 64TQFP



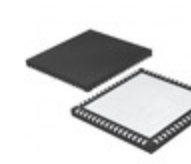
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IC MCU 32BIT 64KB FLASH 64VQFN



PIC32MX575F512L-80I/PF

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IC MCU 32BIT 512KB FLASH 100TQFP



PIC32MX695F512H-80V/MR

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IC MCU 32BIT 512KB FLASH 64VQFN



PIC32MX575F512H-80I/PT

Microchip Technology
IC MCU 32BIT 512KB FLASH 64TQFP



PIC32MX675F512H-80I/PT

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IC MCU 32BIT 512KB FLASH 64TQFP



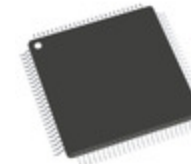
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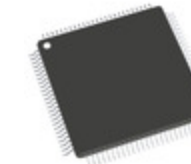
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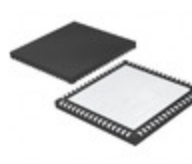
PIC32MX575F512LT-80I/PF

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IC MCU 32BIT 512KB FLASH 100TQFP



PIC32MX695F512L-80I/PF

Microchip Technology
IC MCU 32BIT 512KB FLASH 100TQFP



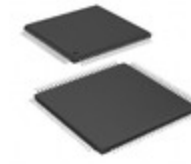
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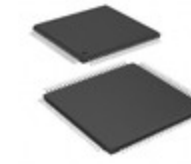
PIC32MX675F256L-80I/PT

Microchip Technology
IC MCU 32BIT 256KB FLASH 100TQFP



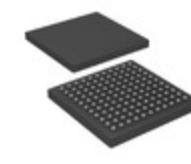
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IC MCU 32BIT 512KB FLASH 100TQFP



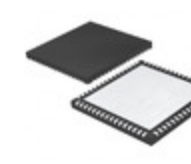
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PIC32MX675F512L-80I/BG

Microchip Technology
IC MCU 32BIT 512KB FLSH 121TFBGA



PIC32MX675F512H-80I/MR

Microchip Technology
IC MCU 32BIT 512KB FLASH 64VQFN

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



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