



Image may be representation.  
See specifications for product details.



## PIC32MX795F512LT-80V/PT

Manufacturer Part Number **PIC32MX795F512LT-80V/PT**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-PIC32MX795F512LT-80V/PT**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC MCU 32BIT 512KB FLASH 100TQFP**

Package **100-TQFP**

Data sheet [PIC32MX Flash Programming Spec.pdf](#)

[PIC32 PHY Support.pdf](#)

[PIC32MX5xx/6xx/7xx.pdf](#)

RoHS Status **ROHS3 Compliant**

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PIC32MX795F512LT-80V/PT - Microchip Technology.New Original in Stock. Download Linear Technology PIC32MX795F512LT-80V/PT datasheet/specifications on AllelcoElec.com.

Request a quote for PIC32MX795F512LT-80V/PT, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

PIC32MX795F512LT-80V/PT Tech Specifications

PIC32MX795F512LT-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	100-TQFP (12x12)	Number of I/O	85
Speed	80MHz	Mounting Type	Surface Mount
Series	PIC® 32MX	EEPROM Size	-
RAM Size	128K 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	CANbus, Ethernet, I²C, SPI, UART/USART, USB OTG
Package / Case	100-TQFP	Base Product Number	PIC32MX795
Package	Tape & Reel (TR)		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC32MX795F512LT-80V/PT

Product Attribute				
Part Number	PIC32MX795F512LT-80V/PT	PIC32M0512EFE144-E/PH	PIC32M0512EFE064-I/PT	PIC32MX795F512L-80I/BG
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package / Case	100-TQFP	144-TQFP	64-TQFP	121-TFBGA
Core Processor	MIPS32® M4K™	MIPS32® M-Class	MIPS32® M-Class	MIPS32® M4K™
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
EEPROM Size	-	-	-	-
Speed	80MHz	180MHz	200MHz	80MHz
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
Oscillator Type	Internal	Internal	Internal	Internal
Number of I/O	85	120	46	-
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Data Converters	A/D 16x10b	A/D 48x12b	A/D 24x12b	A/D 16x10b
RAM Size	128K x 8	128K x 8	128K x 8	128K x 8
Connectivity	CANbus, Ethernet, I²C, SPI, UART/USART, USB OTG	EBI/EMI, Ethernet, I²C, PMP, SPI, SQI, UART/USART, USB OTG	Ethernet, I²C, PMP, SPI, SQI, UART/USART, USB OTG	CANbus, Ethernet, I²C, SPI, UART/USART, USB OTG
Operating Temperature	-40°C ~ 105°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Supplier Device Package	100-TQFP (12x12)	144-TQFP (16x16)	64-TQFP (10x10)	121-TFBGA (10x10)
Voltage - Supply (Vcc/Vdd)	2.3V ~ 3.6V	2.1V ~ 3.6V	2.1V ~ 3.6V	2.3V ~ 3.6V
Program Memory Size	512KB (512K x 8)	512KB (512K x 8)	512KB (512K x 8)	512KB (512K x 8)
Series	PIC® 32MX	Automotive, AEC-Q100, PIC® 32MZ	PIC® 32MZ	PIC® 32MX
Package	Tape & Reel (TR)	Tray	Tray	Tray
Base Product Number	PIC32MX795	PIC32M0512EFE144	PIC32M0512EFE064	PIC32MX795
Peripherals	Brown-out Detect/Reset, DMA, 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, POR, PWM, WDT

## PIC32MX795F512LT-80V/PT Datasheet PDF


Download PIC32MX795F512LT-80V/PT pdf datasheets and Microchip Technology documentation for PIC32MX795F512LT-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

 2.73KHz.pdf



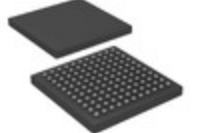



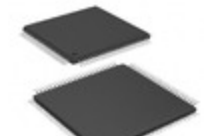

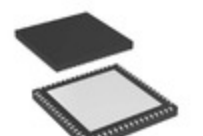


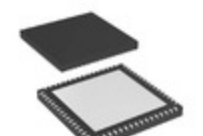
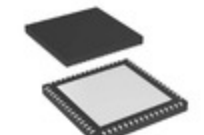

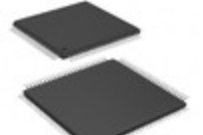



## PCN Design/Specification

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

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

## Customers Also Interested in

### Recommended Products

					
<b>PIC32MZ0512EFE144-E/PH</b>	<b>PIC32MZ0512EFE064-I/PT</b>	<b>PIC32MX795F512L-80I/BG</b>	<b>PIC32MX775F512H-80I/PT</b>	<b>PIC32MX795F512L-80I/PF</b>	<b>PIC32MZ0512EFE100-I/PF</b>
Microchip Technology IC MCU 32BIT 512KB FLASH 144TQFP	Microchip Technology IC MCU 32BIT 512KB FLASH 64TQFP	Microchip Technology IC MCU 32BIT 512KB FLSH 121TFBGA	Microchip Technology IC MCU 32BIT 512KB FLASH 64TQFP	Microchip Technology IC MCU 32BIT 512KB FLASH 100TQFP	Microchip Technology IC MCU 32BIT 512KB FLASH 100TQFP
					
<b>PIC32MX795F512L-80V/PT</b>	<b>PIC32MX775F256L-80I/PT</b>	<b>PIC32MZ0512EFE064-I/MR</b>	<b>PIC32MX795F512LT-80I/PF</b>	<b>PIC32MZ0512EFE144-I/PH</b>	<b>PIC32MZ0512EFE064T-I/MR</b>
Microchip Technology IC MCU 32BIT 512KB FLASH 100TQFP	Microchip Technology IC MCU 32BIT 256KB FLASH 100TQFP	Microchip Technology IC MCU 32BIT 512KB FLASH 64QFN	Microchip Technology IC MCU 32BIT 512KB FLASH 100TQFP	Microchip Technology IC MCU 32BIT 512KB FLASH 144TQFP	Microchip Technology IC MCU 32BIT 512KB FLASH 64QFN
					
<b>PIC32MZ0512EFF064-I/MR</b>	<b>PIC32MZ0512EFE064-I/PTA21</b>	<b>PIC32MX795F512LT-80I/PT</b>	<b>PIC32MX795F512H-80I/PT</b>	<b>PIC32MX795F512L-80I/PT</b>	<b>PIC32MZ0512EFE064T-I/PT</b>
Microchip Technology IC MCU 32BIT 512KB FLASH 64QFN	Micrel / Microchip Technology	Microchip Technology IC MCU 32BIT 512KB FLASH 100TQFP	Microchip Technology IC MCU 32BIT 512KB FLASH 64TQFP	Microchip Technology IC MCU 32BIT 512KB FLASH 100TQFP	Microchip Technology IC MCU 32BIT 512KB FLASH 64TQFP

## 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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