



Image may be representation.  
See specifications for product details.



## PIC18F86J10-I/PT

Manufacturer Part Number **PIC18F86J10-I/PT**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-PIC18F86J10-I/PT**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC MCU 8BIT 64KB FLASH 80TQFP**

Package **80-TQFP**

Data sheet [PIC18F6zJzz, 8zJzz Programming Specification.pdf](#)

[PIC18F87J10 Family Data Sheet.pdf](#)

RoHs Status **ROHS3 Compliant**

**Get a Quote**

PIC18F86J10-I/PT - Microchip Technology. New Original in Stock. Download Linear Technology PIC18F86J10-I/PT datasheet/specifications on AllelcoElec.com.  
Request a quote for PIC18F86J10-I/PT, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

PIC18F86J10-I/PT Tech Specifications

PIC18F86J10-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	80-TQFP (12x12)	Number of I/O	66
Speed	40MHz	Mounting Type	Surface Mount
Series	PIC® 18J	EEPROM Size	-
RAM Size	2K x 8	Data Converters	A/D 15x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	64KB (32K x 16)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	EBI/EMI, I <sup>2</sup> C, SPI, UART/USART
Package / Case	80-TQFP	Base Product Number	PIC18F86
Package	Tray		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC18F86J10-I/PT

Product Attribute				
Part Number	PIC18F86J10-I/PT	<a href="#">PIC18F8680-I/PT</a>	<a href="#">PIC18F86J50-I/PT</a>	<a href="#">PIC18F8620-I/PT</a>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Connectivity	EBI/EMI, I <sup>2</sup> C, SPI, UART/USART	CANbus, EBI/EMI, I <sup>2</sup> C, SPI, UART/USART	EBI/EMI, I <sup>2</sup> C, SPI, UART/USART, USB	EBI/EMI, I <sup>2</sup> C, SPI, UART/USART
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Speed	40MHz	40MHz	48MHz	25MHz
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Oscillator Type	Internal	External	Internal	External
Core Processor	PIC	PIC	PIC	PIC
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
RAM Size	2K x 8	3.25K x 8	3.8K x 8	3.75K x 8
Data Converters	A/D 15x10b	A/D 16x10b	A/D 12x10b	A/D 16x10b
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	PIC® 18J	PIC® 18F	PIC® 18J	PIC® 18F
Voltage - Supply (Vcc/Vdd)	2V ~ 3.6V	4.2V ~ 5.5V	2V ~ 3.6V	4.2V ~ 5.5V
Package	Tray	Tray	Tray	Tray
Supplier Device Package	80-TQFP (12x12)	80-TQFP (12x12)	80-TQFP (12x12)	80-TQFP (12x12)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT
Number of I/O	66	68	65	68
EEPROM Size	-	1K x 8	-	1K x 8
Base Product Number	PIC18F86	PIC18F8680	PIC18F86	PIC18F8620
Package / Case	80-TQFP	80-TQFP	80-TQFP	80-TQFP
Program Memory Size	64KB (32K x 16)	64KB (32K x 16)	64KB (32K x 16)	64KB (32K x 16)

## PIC18F86J10-I/PT Datasheet PDF

Download PIC18F86J10-I/PT pdf datasheets and Microchip Technology documentation for PIC18F86J10-I/PT - Microchip Technology.

### PCN Packaging



Label and Packing Changes 23/Sep/2015.pdf



MBB/Label Chgs 16/Nov/2018.pdf

### HTML Datasheet



[PIC18F6zJzz, 8zJzz Programming](#)



[PIC18F87J10 Family Data Sheet.pdf](#)

## Customers Also Interested in

### Recommended Products



#### PIC18F8680-I/PT

Microchip Technology  
IC MCU 8BIT 64KB FLASH 80TQFP



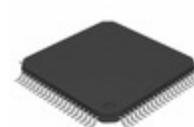
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IC MCU 8BIT 64KB FLASH 80TQFP



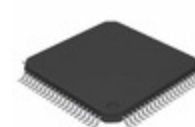
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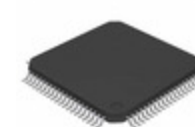
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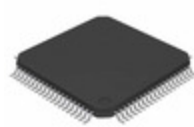
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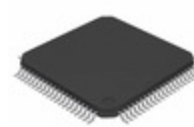
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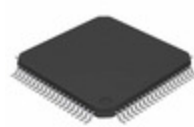
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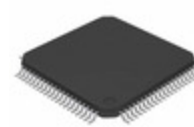
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IC MCU 8BIT 64KB FLASH 80TQFP



#### PIC18F86J50T-I/PT

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IC MCU 8BIT 64KB FLASH 80TQFP



#### PIC18F85K90T-I/PT

Microchip Technology  
IC MCU 8BIT 32KB FLASH 80TQFP



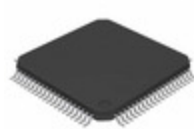
#### PIC18F8680-E/PT

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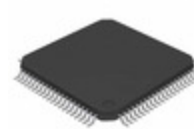
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IC MCU 8BIT 64KB FLASH 80TQFP



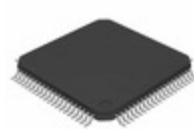
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Microchip Technology  
IC MCU 8BIT 64KB FLASH 80TQFP



#### PIC18F8622-I/PT

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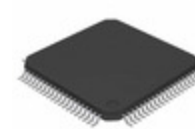
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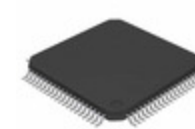
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Microchip Technology  
IC MCU 8BIT 64KB FLASH 80TQFP



#### PIC18F86J72-I/PT

Microchip Technology  
IC MCU 8BIT 64KB FLASH 80TQFP



#### PIC18F86J90-I/PT

Microchip Technology  
IC MCU 8BIT 64KB FLASH 80TQFP

## 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



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