



Image may be representation.  
See specifications for product details.



## PIC18F8620-I/PT

Manufacturer Part Number **PIC18F8620-I/PT**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-PIC18F8620-I/PT**

ECAD Model **PCB Footprint and Symbol**

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

Package **80-TQFP**

Data sheet **[PIC18F6x20, 8x20 Programming Specification.pdf](#)**

**[PIC18Fxx20.pdf](#)**

RoHs Status **ROHS3 Compliant**

**Get a Quote**

PIC18F8620-I/PT - Microchip Technology.New Original in Stock. Download Linear Technology PIC18F8620-I/PT datasheet/specifications on AllelcoElec.com.  
Request a quote for PIC18F8620-I/PT, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

PIC18F8620-I/PT Tech Specifications

PIC18F8620-I/PT - Microchip Technology technical specifications, attributes, parameters

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

## Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC18F8620-I/PT

Product Attribute				
Part Number	PIC18F8620-I/PT	<a href="#">PIC18F8620-E/PT</a>	<a href="#">PIC18F8622-I/PT</a>	<a href="#">PIC18F85K90T-I/PT</a>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Oscillator Type	External	External	Internal	Internal
Series	PIC® 18F	PIC® 18F	PIC® 18F	PIC® XLP™ 18K
EEPROM Size	1K x 8	1K x 8	1K x 8	1K x 8
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	PIC18F8620	PIC18F8620	PIC18F8622	PIC18F85
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Brown-out Detect/Reset, LCD, POR, PWM, WDT
Data Converters	A/D 16x10b	A/D 16x10b	A/D 16x10b	A/D 24x12b
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Voltage - Supply (Vcc/Vdd)	4.2V ~ 5.5V	4.2V ~ 5.5V	4.2V ~ 5.5V	1.8V ~ 5.5V
Connectivity	EBI/EMI, I <sup>2</sup> C, SPI, UART/USART	EBI/EMI, I <sup>2</sup> C, SPI, UART/USART	EBI/EMI, I <sup>2</sup> C, SPI, UART/USART	I <sup>2</sup> C, LINbus, SPI, UART/USART
Core Processor	PIC	PIC	PIC	PIC
Supplier Device Package	80-TQFP (12x12)	80-TQFP (12x12)	80-TQFP (12x12)	80-TQFP (12x12)
Program Memory Size	64KB (32K x 16)	64KB (32K x 16)	64KB (32K x 16)	32KB (16K x 16)
Package	Tray	Tray	Tray	Tape & Reel (TR)
RAM Size	3.75K x 8	3.75K x 8	3.8K x 8	2K x 8
Package / Case	80-TQFP	80-TQFP	80-TQFP	80-TQFP
Speed	25MHz	25MHz	40MHz	64MHz
Number of I/O	68	68	70	69

## PIC18F8620-I/PT Datasheet PDF

Download PIC18F8620-I/PT pdf datasheets and Microchip Technology documentation for PIC18F8620-I/PT - Microchip Technology.

### Datasheets



[PIC18F6x20, 8x20 Programming Specification.pdf](#)



[PIC18Fxx20.pdf](#)

### PCN Packaging



[Label and Packing Changes 23/Sep/2015.pdf](#)





















[MBB/Label Chgs 16/Nov/2018.pdf](#)



Qualification Lead-Frame Paddle  
20/Oct/2014.pdf

## Customers Also Interested in

### Recommended Products

					
<b>PIC18F8620-E/PT</b> Microchip Technology IC MCU 8BIT 64KB FLASH 80TQFP	<b>PIC18F8622-I/PT</b> Microchip Technology IC MCU 8BIT 64KB FLASH 80TQFP	<b>PIC18F85K90T-I/PT</b> Microchip Technology IC MCU 8BIT 32KB FLASH 80TQFP	<b>PIC18F8490-I/PT</b> Microchip Technology IC MCU 8BIT 16KB FLASH 80TQFP	<b>PIC18F86J10-I/PT</b> Microchip Technology IC MCU 8BIT 64KB FLASH 80TQFP	<b>PIC18F85J90T-I/PT</b> Microchip Technology IC MCU 8BIT 32KB FLASH 80TQFP
					
<b>PIC18F85J11-I/PT</b> Microchip Technology IC MCU 8BIT 32KB FLASH 80TQFP	<b>PIC18F8627-I/PT</b> Microchip Technology IC MCU 8BIT 96KB FLASH 80TQFP	<b>PIC18F8621-I/PT</b> Microchip Technology IC MCU 8BIT 64KB FLASH 80TQFP	<b>PIC18F8680-I/PT</b> Microchip Technology IC MCU 8BIT 64KB FLASH 80TQFP	<b>PIC18F8520-I/PT</b> Microchip Technology IC MCU 8BIT 32KB FLASH 80TQFP	<b>PIC18F85K90-I/PT</b> Microchip Technology IC MCU 8BIT 32KB FLASH 80TQFP
					
<b>PIC18F86J50-I/PT</b> Microchip Technology IC MCU 8BIT 64KB FLASH 80TQFP	<b>PIC18F8680-E/PT</b> Microchip Technology IC MCU 8BIT 64KB FLASH 80TQFP	<b>PIC18F84J90-I/PT</b> Microchip Technology IC MCU 8BIT 16KB FLASH 80TQFP	<b>PIC18F86J15-I/PT</b> Microchip Technology IC MCU 8BIT 96KB FLASH 80TQFP	<b>PIC18F85J10-I/PT</b> Microchip Technology IC MCU 8BIT 32KB FLASH 80TQFP	<b>PIC18F8680T-I/PT</b> 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 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
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Contact us if you have any questions.

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### Certifications & Memberships



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### Contact us

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