



Image may be representation.  
See specifications for product details.



## PIC18F6520T-I/PT

Manufacturer Part Number **PIC18F6520T-I/PT**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-PIC18F6520T-I/PT**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC MCU 8BIT 32KB FLASH 64TQFP**

Package **64-TQFP**

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

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

RoHs Status **ROHS3 Compliant**

**Get a Quote**

PIC18F6520T-I/PT - Microchip Technology, New Original in Stock. Download Linear Technology PIC18F6520T-I/PT datasheet/specifications on AllelcoElec.com.  
Request a quote for PIC18F6520T-I/PT, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

PIC18F6520T-I/PT Tech Specifications

PIC18F6520T-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)	4.2V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	64-TQFP (10x10)	Number of I/O	52
Speed	40MHz	Mounting Type	Surface Mount
Series	PIC® 18F	EEPROM Size	1K x 8
RAM Size	2K x 8	Data Converters	A/D 12x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	32KB (16K x 16)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Connectivity	I²C, SPI, UART/USART
Package / Case	64-TQFP	Base Product Number	PIC18F6520
Package	Tape & Reel (TR)		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC18F6520T-I/PT

Product Attribute				
Part Number	PIC18F6520T-I/PT	<a href="#">PIC18F6585-I/L</a>	<a href="#">PIC18F6390-I/PT</a>	<a href="#">PIC18F6310-I/PT</a>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Oscillator Type	Internal	External	Internal	Internal
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Package / Case	64-TQFP	68-LCC (J-Lead)	64-TQFP	64-TQFP
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Series	PIC® 18F	PIC® 18F	PIC® 18F	PIC® 18F
Program Memory Size	32KB (16K x 16)	48KB (24K x 16)	8KB (4K x 16)	8KB (4K x 16)
Base Product Number	PIC18F6520	PIC18F6585	PIC18F6390	PIC18F6310
Package	Tape & Reel (TR)	Tube	Tray	Tray
Speed	40MHz	40MHz	40MHz	40MHz
Core Processor	PIC	PIC	PIC	PIC
Data Converters	A/D 12x10b	A/D 12x10b	A/D 12x10b	A/D 12x10b
RAM Size	2K x 8	3.25K x 8	768 x 8	768 x 8
Voltage - Supply (Vcc/Vdd)	4.2V ~ 5.5V	4.25V ~ 5.5V	4.2V ~ 5.5V	4.2V ~ 5.5V
Supplier Device Package	64-TQFP (10x10)	68-PLCC (24.23x24.23)	64-TQFP (10x10)	64-TQFP (10x10)
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
EEPROM Size	1K x 8	1K x 8	-	-
Connectivity	I²C, SPI, UART/USART	CANbus, I²C, SPI, UART/USART	I²C, SPI, UART/USART	I²C, SPI, UART/USART
Number of I/O	52	52	50	54
Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, HLVD, LCD, POR, PWM, WDT	Brown-out Detect/Reset, HLVD, POR, PWM, WDT
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

## PIC18F6520T-I/PT Datasheet PDF

Download PIC18F6520T-I/PT pdf datasheets and Microchip Technology documentation for PIC18F6520T-I/PT - Microchip Technology.

### Datasheets




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

### PCN Packaging

 Label and Packing Changes 23/Sep/2015.pdf

 MBB/Label Chgs 16/Nov/2018.pdf

## PCN Assembly/Origin

 Revision with Qualification Report 22/Aug/2014.pdf

## HTML Datasheet

 PIC18Fxx20.pdf

## Errata

 PIC18F6520, 8520 Rev A1 Silicon, Data Sheet Errata.pdf

## Customers Also Interested in

### Recommended Products



#### PIC18F6585-I/L

Microchip Technology  
IC MCU 8BIT 48KB FLASH 68PLCC



#### PIC18F6390-I/PT

Microchip Technology  
IC MCU 8BIT 8KB FLASH 64TQFP



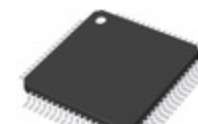
#### PIC18F6310-I/PT

Microchip Technology  
IC MCU 8BIT 8KB FLASH 64TQFP



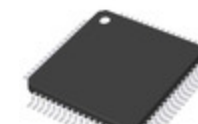
#### PIC18F6490T-I/PT

Microchip Technology  
IC MCU 8BIT 16KB FLASH 64TQFP



#### PIC18F65J11-I/PT

Microchip Technology  
IC MCU 8BIT 32KB FLASH 64TQFP



#### PIC18F65J10-I/PT

Microchip Technology  
IC MCU 8BIT 32KB FLASH 64TQFP



#### PIC18F63J90-I/PT

Microchip Technology  
IC MCU 8BIT 8KB FLASH 64TQFP



#### PIC18F65J10T-I/PT

Microchip Technology  
IC MCU 8BIT 32KB FLASH 64TQFP



#### PIC18F64J90-I/PT

Microchip Technology  
IC MCU 8BIT 16KB FLASH 64TQFP



#### PIC18F6410-E/PT

Microchip Technology  
IC MCU 8BIT 16KB FLASH 64TQFP



#### PIC18F6520-I/PT

Microchip Technology  
IC MCU 8BIT 32KB FLASH 64TQFP



#### PIC18F6585-I/PT

Microchip Technology  
IC MCU 8BIT 48KB FLASH 64TQFP



#### PIC18F6527T-I/PT

Microchip Technology  
IC MCU 8BIT 48KB FLASH 64TQFP



#### PIC18F6525-E/PT

Microchip Technology  
IC MCU 8BIT 48KB FLASH 64TQFP



#### PIC18F6525-I/PT

Microchip Technology  
IC MCU 8BIT 48KB FLASH 64TQFP



#### PIC18F6410-I/PT

Microchip Technology  
IC MCU 8BIT 16KB FLASH 64TQFP



#### PIC18F6490-I/PT

Microchip Technology  
IC MCU 8BIT 16KB FLASH 64TQFP



#### PIC18F6585-E/PT

Microchip Technology  
IC MCU 8BIT 48KB 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



View More

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