



Image may be representation.  
See specifications for product details.



## PIC18F66J50-I/PT

Manufacturer Part Number	<b>PIC18F66J50-I/PT</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-PIC18F66J50-I/PT
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 8BIT 64KB FLASH 64TQFP
Package	64-TQFP
Data sheet	<b>PIC18F65J50 Family.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

PIC18F66J50-I/PT - Microchip Technology. New Original in Stock. Download Linear Technology PIC18F66J50-I/PT datasheet/specifications on AllelcoElec.com. Request a quote for PIC18F66J50-I/PT, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

PIC18F66J50-I/PT Tech Specifications  
PIC18F66J50-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	64-TQFP (10x10)	Number of I/O	49
Speed	48MHz	Mounting Type	Surface Mount
Series	PIC® 18J	EEPROM Size	-
RAM Size	3.8K x 8	Data Converters	A/D 8x10b
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	I²C, SPI, UART/USART, USB
Package / Case	64-TQFP	Base Product Number	PIC18F66
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC18F66J50-I/PT

Product Attribute				
Part Number	PIC18F66J50-I/PT	<a href="#">PIC18F66J15T-I/PT</a>	<a href="#">PIC18F66J94-I/PT</a>	<a href="#">PIC18F6680-I/PT</a>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Oscillator Type	Internal	Internal	Internal	External
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, HLVD, LCD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT
Supplier Device Package	64-TQFP (10x10)	64-TQFP (10x10)	64-TQFP (10x10)	64-TQFP (10x10)
EEPROM Size	-	-	-	1K x 8
Series	PIC® 18J	PIC® 18J	PIC® XLP™ 18J	PIC® 18F
Package	Tray	Tape & Reel (TR)	Tray	Tray
Program Memory Size	64KB (32K x 16)	96KB (48K x 16)	64KB (32K x 16)	64KB (32K x 16)
Package / Case	64-TQFP	64-TQFP	64-TQFP	64-TQFP
Connectivity	I²C, SPI, UART/USART, USB	I²C, SPI, UART/USART	I²C, IrDA, LINbus, SPI, UART/USART, USB	CANbus, I²C, SPI, UART/USART
Speed	48MHz	40MHz	64MHz	40MHz
Number of I/O	49	50	52	52
RAM Size	3.8K x 8	3.8K x 8	4K x 8	3.25K x 8
Core Processor	PIC	PIC	PIC	PIC
Base Product Number	PIC18F66	PIC18F66	PIC18F66	PIC18F6680
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Data Converters	A/D 8x10b	A/D 11x10b	A/D 16x10b/12b	A/D 16x10b
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply (Vcc/Vdd)	2V ~ 3.6V	2V ~ 3.6V	2V ~ 3.6V	4.2V ~ 5.5V

### PIC18F66J50-I/PT Datasheet PDF

Download PIC18F66J50-I/PT pdf datasheets and Microchip Technology documentation for PIC18F66J50-I/PT - Microchip Technology.

#### Datasheets

[PIC18F65J50 Family.pdf](#)

#### PCN Packaging

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

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



Wire 27/Mar/2018.pdf

## Customers Also Interested in

### Recommended Products



**PIC18F66J15T-I/PT**  
Microchip Technology  
IC MCU 8BIT 96KB FLASH 64TQFP



**PIC18F66J94-I/PT**  
Microchip Technology  
IC MCU 8BIT 64KB FLASH 64TQFP



**PIC18F6680-I/PT**  
Microchip Technology  
IC MCU 8BIT 64KB FLASH 64TQFP



**PIC18F66J90T-I/PT**  
Microchip Technology  
IC MCU 8BIT 64KB FLASH 64TQFP



**PIC18F66K40-I/PT**  
Microchip Technology  
IC MCU 8BIT 64KB FLASH 64TQFP



**PIC18F66K22-E/PT**  
Microchip Technology  
IC MCU 8BIT 64KB FLASH 64TQFP



**PIC18F6680-E/PT**  
Microchip Technology  
IC MCU 8BIT 64KB FLASH 64TQFP



**PIC18F66J11-I/PT**  
Microchip Technology  
IC MCU 8BIT 64KB FLASH 64TQFP



**PIC18F66K80-E/PT**  
Microchip Technology  
IC MCU 8BIT 64KB FLASH 64TQFP



**PIC18F66J16-I/PT**  
Microchip Technology  
IC MCU 8BIT 96KB FLASH 64TQFP



**PIC18F66J50T-I/PT**  
Microchip Technology  
IC MCU 8BIT 64KB FLASH 64TQFP



**PIC18F66J10T-I/PT**  
Microchip Technology  
IC MCU 8BIT 64KB FLASH 64TQFP



**PIC18F66J15-I/PT**  
Microchip Technology  
IC MCU 8BIT 96KB FLASH 64TQFP



**PIC18F66K22-I/PT**  
Microchip Technology  
IC MCU 8BIT 64KB FLASH 64TQFP



**PIC18F66J90-I/PT**  
Microchip Technology  
IC MCU 8BIT 64KB FLASH 64TQFP



**PIC18F66J16T-I/PT**  
Microchip Technology  
IC MCU 8BIT 96KB FLASH 64TQFP



**PIC18F66J60-I/PT**  
Microchip Technology  
IC MCU 8BIT 64KB FLASH 64TQFP



**PIC18F6628-E/PT**  
Microchip Technology  
IC MCU 8BIT 96KB 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

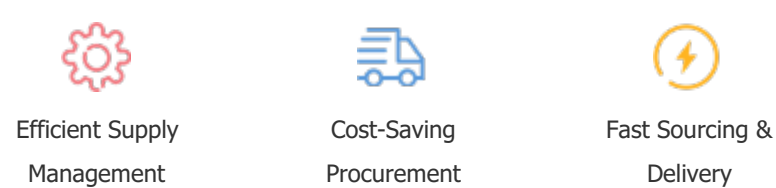
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

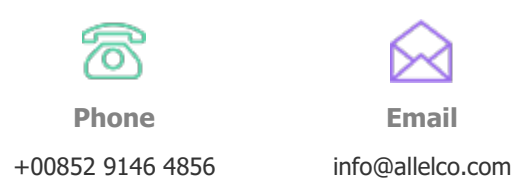
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



[View More](#)