



Image may be representation.  
See specifications for product details.



## PIC18F67K90-I/PTRSL

Manufacturer Part Number	<b>PIC18F67K90-I/PTRSL</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-PIC18F67K90-I/PTRSL
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8BIT 128KB FLASH 64TQFP
Package	64-TQFP
Data sheet	<b>PIC18F87K90 Family.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

PIC18F67K90-I/PTRSL - Microchip Technology. New Original in Stock. Download Linear Technology PIC18F67K90-I/PTRSL datasheet/specifications on AllelcoElec.com. Request a quote for PIC18F67K90-I/PTRSL, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

PIC18F67K90-I/PTRSL Tech Specifications  
PIC18F67K90-I/PTRSL - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	1.8V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	64-TQFP (10x10)	Number of I/O	53
Speed	64MHz	Mounting Type	Surface Mount
Series	PIC® XLP™ 18K	EEPROM Size	1K x 8
RAM Size	4K x 8	Data Converters	A/D 16x12b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	128KB (64K x 16)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, LCD, POR, PWM, WDT	Connectivity	I²C, LINbus, SPI, UART/USART
Package / Case	64-TQFP	Base Product Number	PIC18F67
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC18F67K90-I/PTRSL

Product Attribute				
Part Number	PIC18F67K90-I/PTRSL	<b>PIC18F67K90-I/PT</b>	<b>PIC18F85J90T-I/PT</b>	<b>PIC18F67K22T-I/MRRSL</b>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Supplier Device Package	64-TQFP (10x10)	64-TQFP (10x10)	80-TQFP (12x12)	64-VQFN (9x9)
Program Memory Size	128KB (64K x 16)	128KB (64K x 16)	32KB (16K x 16)	128KB (64K x 16)
Program Memory Type	FLASH	FLASH	FLASH	FLASH
RAM Size	4K x 8	4K x 8	2K x 8	4K x 8
EEPROM Size	1K x 8	1K x 8	-	1K x 8
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Core Processor	PIC	PIC	PIC	PIC
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Series	PIC® XLP™ 18K	PIC® XLP™ 18K	PIC® 18J	PIC® XLP™ 18K
Data Converters	A/D 16x12b	A/D 16x12b	A/D 12x10b	A/D 16x12b
Peripherals	Brown-out Detect/Reset, LCD, POR, PWM, WDT	Brown-out Detect/Reset, LCD, POR, PWM, WDT	Brown-out Detect/Reset, LCD, LVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT
Oscillator Type	Internal	Internal	Internal	Internal
Package / Case	64-TQFP	64-TQFP	80-TQFP	64-VFQFN Exposed Pad
Voltage - Supply (Vcc/Vdd)	1.8V ~ 5.5V	1.8V ~ 5.5V	2V ~ 3.6V	1.8V ~ 5.5V
Package	Tray	Tray	Tape & Reel (TR)	Tape & Reel (TR)
Connectivity	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, SPI, UART/USART	I²C, LINbus, SPI, UART/USART
Speed	64MHz	64MHz	40MHz	64MHz
Base Product Number	PIC18F67	PIC18F67	PIC18F85	PIC18F67
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Number of I/O	53	53	67	53

### PIC18F67K90-I/PTRSL Datasheet PDF

Download PIC18F67K90-I/PTRSL pdf datasheets and Microchip Technology documentation for PIC18F67K90-I/PTRSL - Microchip Technology.

#### Datasheets

[PIC18F87K90 Family.pdf](#)

#### PCN Packaging

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

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



Revision with Qualification Report  
22/Aug/2014.pdf

## Customers Also Interested in

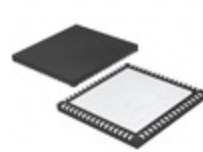
### Recommended Products



**PIC18F67K90-I/PT**  
Microchip Technology  
IC MCU 8BIT 128KB FLASH 64TQFP



**PIC18F85J90T-I/PT**  
Microchip Technology  
IC MCU 8BIT 32KB FLASH 80TQFP



**PIC18F67K22T-I/MRRSL**  
Microchip Technology  
IC MCU 8BIT 128KB FLASH 64VQFN



**PIC18F8490-I/PT**  
Microchip Technology  
IC MCU 8BIT 16KB FLASH 80TQFP



**PIC18F85J11-I/PT**  
Microchip Technology  
IC MCU 8BIT 32KB FLASH 80TQFP



**PIC18F8520-I/PT**  
Microchip Technology  
IC MCU 8BIT 32KB FLASH 80TQFP



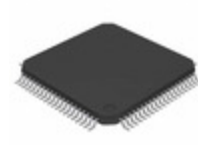
**PIC18F85J10-I/PT**  
Microchip Technology  
IC MCU 8BIT 32KB FLASH 80TQFP



**PIC18F67J94-I/PT**  
Microchip Technology  
IC MCU 8BIT 128KB FLASH 64TQFP



**PIC18F67J60T-I/PT**  
Microchip Technology  
IC MCU 8BIT 128KB FLASH 64TQFP



**PIC18F8390-I/PT**  
Microchip Technology  
IC MCU 8BIT 8KB FLASH 80TQFP



**PIC18F67K22-I/PT**  
Microchip Technology  
IC MCU 8BIT 128KB FLASH 64TQFP



**PIC18F67J90-I/PT**  
Microchip Technology  
IC MCU 8BIT 128KB FLASH 64TQFP



**PIC18F67J60-I/PT**  
Microchip Technology  
IC MCU 8BIT 128KB FLASH 64TQFP



**PIC18F84J90-I/PT**  
Microchip Technology  
IC MCU 8BIT 16KB FLASH 80TQFP



**PIC18F67J50-I/PT**  
Microchip Technology  
IC MCU 8BIT 128KB FLASH 64TQFP



**PIC18F67K40-I/PT**  
Microchip Technology  
IC MCU 8BIT 128KB FLASH 64TQFP



**PIC18F67K40T-I/PT**  
Microchip Technology  
IC MCU 8BIT 128KB FLASH 64TQFP



**PIC18F85K90-I/PT**  
Microchip Technology  
IC MCU 8BIT 32KB 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

Contact us if you have any questions.

- Phone  
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### Certifications & Memberships



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