



Image may be representation.
See specifications for product details.



PIC18F86K22-I/PTRSL

Manufacturer Part Number	PIC18F86K22-I/PTRSL
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC18F86K22-I/PTRSL
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 64KB FLASH 80TQFP
Package	80-TQFP
Data sheet	PIC18F87K22 Family Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

PIC18F86K22-I/PTRSL - Microchip Technology. New Original in Stock. Download Linear Technology PIC18F86K22-I/PTRSL datasheet/specifications on AllelcoElec.com. Request a quote for PIC18F86K22-I/PTRSL, please send us email: info@allelco.com

Specifications

PIC18F86K22-I/PTRSL Tech Specifications
PIC18F86K22-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	80-TQFP (12x12)	Number of I/O	69
Speed	64MHz	Mounting Type	Surface Mount
Series	PIC® XLP™ 18K	EEPROM Size	1K x 8
RAM Size	4K x 8	Data Converters	A/D 24x12b
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 ² C, LINbus, 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 PIC18F86K22-I/PTRSL

Product Attribute				
Part Number	PIC18F86K22-I/PTRSL	PIC18F86K90T-I/PT	PIC18F86J10-I/PT	PIC18F86K90-I/PTRSL
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Number of I/O	69	69	66	69
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	PIC® XLP™ 18K	PIC® XLP™ 18K	PIC® 18J	PIC® XLP™ 18K
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
Package	Tray	Tape & Reel (TR)	Tray	Tray
Package / Case	80-TQFP	80-TQFP	80-TQFP	80-TQFP
Speed	64MHz	64MHz	40MHz	64MHz
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Data Converters	A/D 24x12b	A/D 24x12b	A/D 15x10b	A/D 24x12b
Voltage - Supply (Vcc/Vdd)	1.8V ~ 5.5V	1.8V ~ 5.5V	2V ~ 3.6V	1.8V ~ 5.5V
Connectivity	EBI/EMI, I ² C, LINbus, SPI, UART/USART	I ² C, LINbus, SPI, UART/USART	EBI/EMI, I ² C, SPI, UART/USART	I ² C, LINbus, SPI, UART/USART
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Base Product Number	PIC18F86	PIC18F86	PIC18F86	PIC18F86
Oscillator Type	Internal	Internal	Internal	Internal
Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, LCD, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, LCD, POR, PWM, WDT
Program Memory Size	64KB (32K x 16)	64KB (32K x 16)	64KB (32K x 16)	64KB (32K x 16)
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Core Processor	PIC	PIC	PIC	PIC
Supplier Device Package	80-TQFP (12x12)	80-TQFP (12x12)	80-TQFP (12x12)	80-TQFP (12x12)

PIC18F86K22-I/PTRSL Datasheet PDF

Download PIC18F86K22-I/PTRSL pdf datasheets and Microchip Technology documentation for PIC18F86K22-I/PTRSL - Microchip Technology.

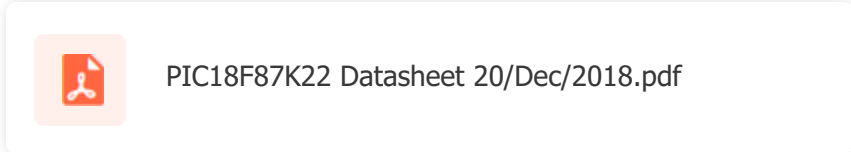
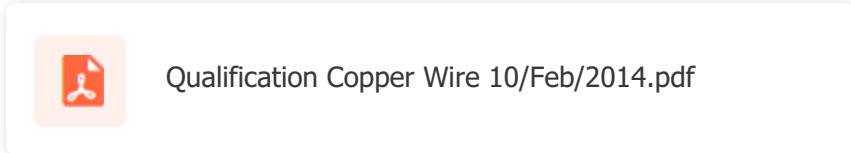
Datasheets

[PIC18F87K22 Family Datasheet.pdf](#)

PCN Packaging

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

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



Customers Also Interested in

Recommended Products

PIC18F86K90T-I/PT Microchip Technology IC MCU 8BIT 64KB FLASH 80TQFP	PIC18F86J10-I/PT Microchip Technology IC MCU 8BIT 64KB FLASH 80TQFP	PIC18F86K90-I/PTRSL Microchip Technology IC MCU 8BIT 64KB FLASH 80TQFP	PIC18F86J50-I/PT Microchip Technology IC MCU 8BIT 64KB FLASH 80TQFP	PIC18F86K90-I/PT Microchip Technology IC MCU 8BIT 64KB FLASH 80TQFP	PIC18F8720-E/PT Microchip Technology IC MCU 8BIT 128KB FLASH 80TQFP
PIC18F8723-I/PT Microchip Technology IC MCU 8BIT 128KB FLASH 80TQFP	PIC18F8722T-I/PT Microchip Technology IC MCU 8BIT 128KB FLASH 80TQFP	PIC18F8680T-I/PT Microchip Technology IC MCU 8BIT 64KB FLASH 80TQFP	PIC18F8722-I/PT Microchip Technology IC MCU 8BIT 128KB FLASH 80TQFP	PIC18F86J72-I/PT Microchip Technology IC MCU 8BIT 64KB FLASH 80TQFP	PIC18F86J50T-I/PT Microchip Technology IC MCU 8BIT 64KB FLASH 80TQFP
PIC18F86J90-I/PT Microchip Technology IC MCU 8BIT 64KB FLASH 80TQFP	PIC18F86J90T-I/PT Microchip Technology IC MCU 8BIT 64KB FLASH 80TQFP	PIC18F8720-I/PT Microchip Technology IC MCU 8BIT 128KB FLASH 80TQFP	PIC18F86J55-I/PT Microchip Technology IC MCU 8BIT 96KB FLASH 80TQFP	PIC18F86J15-I/PT Microchip Technology IC MCU 8BIT 96KB FLASH 80TQFP	PIC18F8722-E/PT Microchip Technology IC MCU 8BIT 128KB 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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