

Image may be representation.
See specifications for product details.



PIC18F86J50-I/PT

Manufacturer Part Number	PIC18F86J50-I/PT
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC18F86J50-I/PT
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8BIT 64KB FLASH 80TQFP
Package	80-TQFP
Data sheet	PIC18F65J50 Family.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

PIC18F86J50-I/PT - Microchip Technology. New Original in Stock. Download Linear Technology PIC18F86J50-I/PT datasheet/specifications on AllelcoElec.com. Request a quote for PIC18F86J50-I/PT, please send us email: info@allelco.com

Specifications

PIC18F86J50-I/PT Tech Specifications
PIC18F86J50-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	80-TQFP (12x12)	Number of I/O	65
Speed	48MHz	Mounting Type	Surface Mount
Series	PIC® 18J	EEPROM Size	-
RAM Size	3.8K x 8	Data Converters	A/D 12x10b
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, SPI, UART/USART, USB
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 PIC18F86J50-I/PT

Product Attribute				
Part Number	PIC18F86J50-I/PT	PIC18F8621-I/PT	PIC18F86J90-I/PT	PIC18F8680-E/PT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Number of I/O	65	69	67	68
Series	PIC® 18J	PIC® 18F	PIC® 18J	PIC® 18F
Oscillator Type	Internal	External	Internal	External
Package	Tray	Tray	Tray	Tray
Program Memory Size	64KB (32K x 16)	64KB (32K x 16)	64KB (32K x 16)	64KB (32K x 16)
Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, LCD, LVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT
Base Product Number	PIC18F86	PIC18F8621	PIC18F86	PIC18F8680
Data Converters	A/D 12x10b	A/D 16x10b	A/D 12x10b	A/D 16x10b
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	80-TQFP	80-TQFP	80-TQFP	80-TQFP
Connectivity	EBI/EMI, I ² C, SPI, UART/USART, USB	EBI/EMI, I ² C, SPI, UART/USART	I ² C, SPI, UART/USART	CANbus, EBI/EMI, I ² C, SPI, UART/USART
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)
Core Processor	PIC	PIC	PIC	PIC
Supplier Device Package	80-TQFP (12x12)	80-TQFP (12x12)	80-TQFP (12x12)	80-TQFP (12x12)
EEPROM Size	-	1K x 8	-	1K x 8
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
RAM Size	3.8K x 8	3.75K x 8	3.8K x 8	3.25K x 8
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Voltage - Supply (Vcc/Vdd)	2V ~ 3.6V	4.2V ~ 5.5V	2V ~ 3.6V	4.2V ~ 5.5V
Speed	48MHz	40MHz	48MHz	25MHz

PIC18F86J50-I/PT Datasheet PDF

Download PIC18F86J50-I/PT pdf datasheets and Microchip Technology documentation for PIC18F86J50-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](#)

Customers Also Interested in

Recommended Products

					
PIC18F8621-I/PT Microchip Technology IC MCU 8BIT 64KB FLASH 80TQFP	PIC18F86J90-I/PT Microchip Technology IC MCU 8BIT 64KB FLASH 80TQFP	PIC18F8680-E/PT Microchip Technology IC MCU 8BIT 64KB FLASH 80TQFP	PIC18F8680-I/PT Microchip Technology IC MCU 8BIT 64KB FLASH 80TQFP	PIC18F8680T-I/PT Microchip Technology IC MCU 8BIT 64KB FLASH 80TQFP	PIC18F86K90-I/PTRSL Microchip Technology IC MCU 8BIT 64KB FLASH 80TQFP
					
PIC18F86J15-I/PT Microchip Technology IC MCU 8BIT 96KB FLASH 80TQFP	PIC18F86J50T-I/PT Microchip Technology IC MCU 8BIT 64KB FLASH 80TQFP	PIC18F86J90T-I/PT Microchip Technology IC MCU 8BIT 64KB FLASH 80TQFP	PIC18F86K90T-I/PT Microchip Technology IC MCU 8BIT 64KB FLASH 80TQFP	PIC18F86K90-I/PT Microchip Technology IC MCU 8BIT 64KB FLASH 80TQFP	PIC18F8620-I/PT Microchip Technology IC MCU 8BIT 64KB FLASH 80TQFP
					
PIC18F86J72-I/PT Microchip Technology IC MCU 8BIT 64KB FLASH 80TQFP	PIC18F8622-I/PT Microchip Technology IC MCU 8BIT 64KB FLASH 80TQFP	PIC18F86J10-I/PT Microchip Technology IC MCU 8BIT 64KB FLASH 80TQFP	PIC18F8627-I/PT Microchip Technology IC MCU 8BIT 96KB FLASH 80TQFP	PIC18F86K22-I/PTRSL Microchip Technology IC MCU 8BIT 64KB FLASH 80TQFP	PIC18F86J55-I/PT Microchip Technology IC MCU 8BIT 96KB 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 Alleco 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



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