



Image may be representation.
See specifications for product details.



PIC18F65K80-I/PT

Manufacturer Part Number	PIC18F65K80-I/PT
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC18F65K80-I/PT
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8BIT 32KB FLASH 64TQFP
Package	64-TQFP
Data sheet	PIC18F66K80 Family Data Sheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

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Specifications

PIC18F65K80-I/PT Tech Specifications
PIC18F65K80-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)	1.8V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	64-TQFP (10x10)	Number of I/O	54
Speed	64MHz	Mounting Type	Surface Mount
Series	PIC® XLP™ 18K	EEPROM Size	1K x 8
RAM Size	3.6K x 8	Data Converters	A/D 11x12b
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	ECANbus, I²C, LINbus, SPI, UART/USART
Package / Case	64-TQFP	Base Product Number	PIC18F65
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC18F65K80-I/PT

Product Attribute				
Part Number	PIC18F65K80-I/PT	PIC18F65J94-I/MR	PIC18F65K80-I/MR	PIC18F6620-I/PT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
RAM Size	3.6K x 8	4K x 8	3.6K x 8	3.75K x 8
Series	PIC® XLP™ 18K	PIC® XLP™ 18J	PIC® XLP™ 18K	PIC® 18F
Number of I/O	54	52	54	52
Oscillator Type	Internal	Internal	Internal	External
Package	Tray	Tube	Tube	Tray
Speed	64MHz	64MHz	64MHz	25MHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, HLVD, LCD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT
Voltage - Supply (Vcc/Vdd)	1.8V ~ 5.5V	2V ~ 3.6V	1.8V ~ 5.5V	4.2V ~ 5.5V
Core Processor	PIC	PIC	PIC	PIC
Supplier Device Package	64-TQFP (10x10)	64-QFN (9x9)	64-VQFN (9x9)	64-TQFP (10x10)
Data Converters	A/D 11x12b	A/D 16x10b/12b	A/D 11x12b	A/D 12x10b
Program Memory Size	32KB (16K x 16)	32KB (16K x 16)	32KB (16K x 16)	64KB (32K x 16)
EEPROM Size	1K x 8	-	1K x 8	1K x 8
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Package / Case	64-TQFP	64-VFQFN Exposed Pad	64-VFQFN Exposed Pad	64-TQFP
Base Product Number	PIC18F65	PIC18F65	PIC18F65	PIC18F6620
Connectivity	ECANbus, I²C, LINbus, SPI, UART/USART	I²C, IrDA, LINbus, SPI, UART/USART, USB	ECANbus, I²C, LINbus, SPI, UART/USART	I²C, SPI, UART/USART

PIC18F65K80-I/PT Datasheet PDF

Download PIC18F65K80-I/PT pdf datasheets and Microchip Technology documentation for PIC18F65K80-I/PT - Microchip Technology.

Datasheets

[PIC18F66K80 Family Data Sheet.pdf](#)

PCN Packaging

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

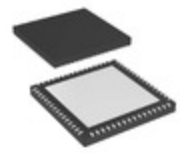
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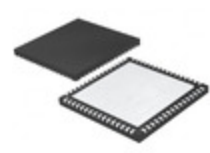
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Customers Also Interested in

Recommended Products



PIC18F65J94-I/MR
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IC MCU 8BIT 32KB FLASH 64QFN



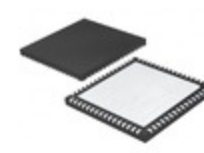
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Microchip Technology
IC MCU 8BIT 32KB FLASH 64VQFN



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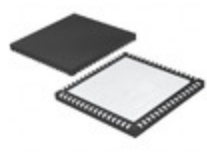
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PIC18F65J90T-I/PT
Microchip Technology
IC MCU 8BIT 32KB FLASH 64TQFP



PIC18F65K22-I/MR
Microchip Technology
IC MCU 8BIT 32KB FLASH 64VQFN



PIC18F65K40-I/PT
Microchip Technology
IC MCU 8BIT 32KB FLASH 64TQFP



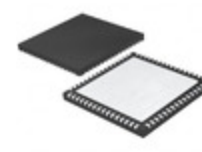
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IC MCU 8BIT 96KB FLASH 64TQFP



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PIC18F65K90-I/PT
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IC MCU 8BIT 32KB FLASH 64TQFP



PIC18F65K40T-I/PT
Microchip Technology
IC MCU 8BIT 32KB FLASH 64TQFP



PIC18F6627-I/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 -

- 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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Contact us

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