



Image may be representation.
See specifications for product details.



PIC18F65J90-I/PT

Manufacturer Part Number **PIC18F65J90-I/PT**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-PIC18F65J90-I/PT**

ECAD Model **PCB Symbol, Footprint & 3D Mode**

Parts Description **IC MCU 8BIT 32KB FLASH 64TQFP**

Package **64-TQFP**

Data sheet **PIC18F6zJzz, 8zJzz Programming Specification.pdf**

PIC18F85J90 Family.pdf

RoHs Status **ROHS3 Compliant**

Get a Quote

PIC18F65J90-I/PT - Microchip Technology. New Original in Stock. Download Linear Technology PIC18F65J90-I/PT datasheet/specifications on AllelcoElec.com.
Request a quote for PIC18F65J90-I/PT, please send us email: info@allelco.com

Specifications

PIC18F65J90-I/PT Tech Specifications

PIC18F65J90-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	51
Speed	40MHz	Mounting Type	Surface Mount
Series	PIC® 18J	EEPROM Size	-
RAM Size	2K x 8	Data Converters	A/D 12x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	32KB (16K x 16)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, LCD, LVD, POR, PWM, WDT	Connectivity	I²C, 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 PIC18F65J90-I/PT

Product Attribute				
Part Number	PIC18F65J90-I/PT	PIC18F65K40T-I/PT	PIC18F65K22-I/MR	PIC18F65J50-I/PT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Oscillator Type	Internal	Internal	Internal	Internal
Data Converters	A/D 12x10b	A/D 45x10b; D/A 1x5b	A/D 16x12b	A/D 8x10b
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Program Memory Size	32KB (16K x 16)	32KB (16K x 16)	32KB (16K x 16)	32KB (16K x 16)
Package / Case	64-TQFP	64-TQFP	64-VQFN Exposed Pad	64-TQFP
Series	PIC® 18J	PIC® XLP™ 18K	PIC® XLP™ 18K	PIC® 18J
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	51	60	53	49
Package	Tray	Tape & Reel (TR)	Tube	Tray
Peripherals	Brown-out Detect/Reset, LCD, LVD, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT
Supplier Device Package	64-TQFP (10x10)	64-TQFP (10x10)	64-VQFN (9x9)	64-TQFP (10x10)
Base Product Number	PIC18F65	PIC18F65	PIC18F65	PIC18F65
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Core Processor	PIC	PIC	PIC	PIC
Connectivity	I²C, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, SPI, UART/USART, USB
RAM Size	2K x 8	2K x 8	2K x 8	3.8K x 8
Speed	40MHz	64MHz	64MHz	48MHz
EEPROM Size	-	1K x 8	1K x 8	-
Voltage - Supply (Vcc/Vdd)	2V ~ 3.6V	2.3V ~ 5.5V	1.8V ~ 5.5V	2V ~ 3.6V

PIC18F65J90-I/PT Datasheet PDF

Download PIC18F65J90-I/PT pdf datasheets and Microchip Technology documentation for PIC18F65J90-I/PT - Microchip Technology.

Datasheets



PIC18F6zJzz, 8zJzz Programming Specification.pdf



PIC18F85J90 Family.pdf

PCN Packaging



Label and Packing Changes 23/Sep/2015.pdf



MBB/Label Chgs 16/Nov/2018.pdf

PCN Assembly/Origin

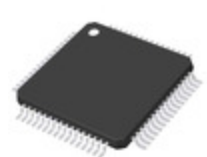
 Wire 27/Mar/2018.pdf

Errata

 PIC18F85J90 Family Data Sheet Errata.pdf

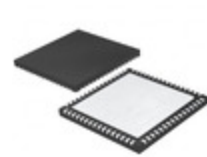
Customers Also Interested in

Recommended Products



PIC18F65K40T-I/PT

Microchip Technology
IC MCU 8BIT 32KB FLASH 64TQFP



PIC18F65K22-I/MR

Microchip Technology
IC MCU 8BIT 32KB FLASH 64VQFN



PIC18F65J50-I/PT

Microchip Technology
IC MCU 8BIT 32KB FLASH 64TQFP



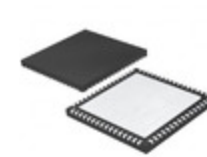
PIC18F6585-I/L

Microchip Technology
IC MCU 8BIT 48KB FLASH 68PLCC



PIC18F6527T-I/PT

Microchip Technology
IC MCU 8BIT 48KB FLASH 64TQFP



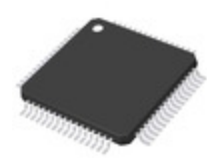
PIC18F65K22T-I/MR

Microchip Technology
IC MCU 8BIT 32KB FLASH 64VQFN



PIC18F6585-I/PT

Microchip Technology
IC MCU 8BIT 48KB FLASH 64TQFP



PIC18F65J15T-I/PT

Microchip Technology
IC MCU 8BIT 48KB FLASH 64TQFP



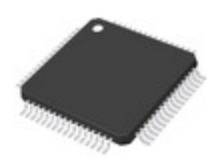
PIC18F65J10T-I/PT

Microchip Technology
IC MCU 8BIT 32KB FLASH 64TQFP



PIC18F65J10-I/PT

Microchip Technology
IC MCU 8BIT 32KB FLASH 64TQFP



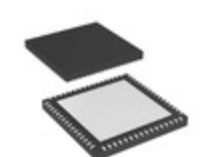
PIC18F65J11-I/PT

Microchip Technology
IC MCU 8BIT 32KB FLASH 64TQFP



PIC18F65K40-I/PT

Microchip Technology
IC MCU 8BIT 32KB FLASH 64TQFP



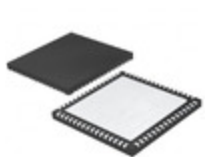
PIC18F65J94-I/MR

Microchip Technology
IC MCU 8BIT 32KB FLASH 64VQFN



PIC18F65J90T-I/PT

Microchip Technology
IC MCU 8BIT 32KB FLASH 64TQFP



PIC18F65K80-I/MR

Microchip Technology
IC MCU 8BIT 32KB FLASH 64VQFN



PIC18F6585-E/PT

Microchip Technology
IC MCU 8BIT 48KB FLASH 64TQFP



PIC18F65J15-I/PT

Microchip Technology
IC MCU 8BIT 48KB FLASH 64TQFP



PIC18F65K22-E/PT

Microchip Technology
IC MCU 8BIT 32KB 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
+00852 9146 4856
 Email
info@allelco.com

Certifications & Memberships



[View More](#)

