



Image may be representation.
See specifications for product details.



PIC18F6627-I/PT

Manufacturer Part Number **PIC18F6627-I/PT**

Manufacturer **Microchip Technology**

Allelco Part Number 32D-PIC18F6627-I/PT

ECAD Model PCB Symbol, Footprint & 3D Mode

Parts Description **IC MCU 8BIT 96KB FLASH 64TQFP**

Package **64-TQFP**

Data sheet **[PIC18F6x2\(2,7\), 8x\(2,7\) Programming Specification.pdf](#)**

[PIC18F8722 Family.pdf](#)

RoHs Status **ROHS3 Compliant**

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Specifications

PIC18F6627-I/PT Tech Specifications

PIC18F6627-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)	4.2V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	64-TQFP (10x10)	Number of I/O	54
Speed	40MHz	Mounting Type	Surface Mount
Series	PIC® 18F	EEPROM Size	1K x 8
RAM Size	3.8K x 8	Data Converters	A/D 12x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	96KB (48K x 16)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Connectivity	I ² C, SPI, UART/USART
Package / Case	64-TQFP	Base Product Number	PIC18F6627
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC18F6627-I/PT

Product Attribute				
Part Number	PIC18F6627-I/PT	PIC18F6621-I/PT	PIC18F6680-I/PT	PIC18F66J15-I/PT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Data Converters	A/D 12x10b	A/D 12x10b	A/D 16x10b	A/D 11x10b
RAM Size	3.8K x 8	3.75K x 8	3.25K x 8	3.8K x 8
Package / Case	64-TQFP	64-TQFP	64-TQFP	64-TQFP
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Number of I/O	54	53	52	50
Package	Tray	Tray	Tray	Tray
Connectivity	I ² C, SPI, UART/USART	I ² C, SPI, UART/USART	CANbus, I ² C, SPI, UART/USART	I ² C, SPI, UART/USART
Program Memory Size	96KB (48K x 16)	64KB (32K x 16)	64KB (32K x 16)	96KB (48K x 16)
Speed	40MHz	40MHz	40MHz	40MHz
Peripherals	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT
Series	PIC® 18F	PIC® 18F	PIC® 18F	PIC® 18J
EEPROM Size	1K x 8	1K x 8	1K x 8	-
Base Product Number	PIC18F6627	PIC18F6621	PIC18F6680	PIC18F66
Oscillator Type	Internal	External	External	Internal
Core Processor	PIC	PIC	PIC	PIC
Supplier Device Package	64-TQFP (10x10)	64-TQFP (10x10)	64-TQFP (10x10)	64-TQFP (10x10)
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Voltage - Supply (Vcc/Vdd)	4.2V ~ 5.5V	4.2V ~ 5.5V	4.2V ~ 5.5V	2V ~ 3.6V

PIC18F6627-I/PT Datasheet PDF

Download PIC18F6627-I/PT pdf datasheets and Microchip Technology documentation for PIC18F6627-I/PT - Microchip Technology.

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



PIC18F6x2(2,7), 8x(2,7) Programming Specification.pdf



PIC18F8722 Family.pdf

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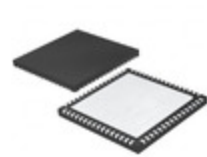
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IC MCU 8BIT 64KB FLASH 64TQFP



PIC18F6680-I/PT
Microchip Technology
IC MCU 8BIT 64KB FLASH 64TQFP



PIC18F66J15-I/PT
Microchip Technology
IC MCU 8BIT 96KB FLASH 64TQFP



PIC18F65K90-I/MR
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IC MCU 8BIT 32KB FLASH 64VQFN



PIC18F66J15T-I/PT
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PIC18F65K90-I/PT
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IC MCU 8BIT 32KB FLASH 64TQFP



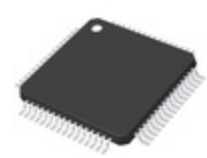
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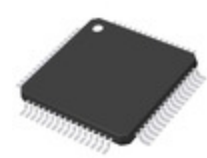
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Microchip Technology
IC MCU 8BIT 64KB FLASH 64TQFP



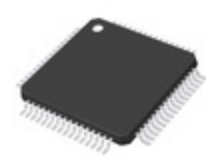
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PIC18F66J16-I/PT
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IC MCU 8BIT 96KB FLASH 64TQFP



PIC18F6620-E/PT
Microchip Technology
IC MCU 8BIT 64KB FLASH 64TQFP



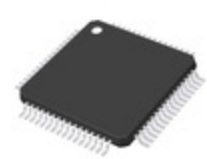
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Microchip Technology
IC MCU 8BIT 96KB FLASH 64TQFP



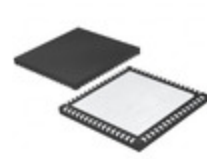
PIC18F66J11-I/PT
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PIC18F6680-E/PT
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IC MCU 8BIT 64KB FLASH 64TQFP



PIC18F65K80-I/PT
Microchip Technology
IC MCU 8BIT 32KB FLASH 64TQFP



PIC18F65K80-I/MR
Microchip Technology
IC MCU 8BIT 32KB FLASH 64VQFN



PIC18F6627-E/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
+00852 9146 4856
- Email
info@allelco.com

Certifications & Memberships



View More

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong
Phone: +00852 9146 4856
Fax: +00852 3010 8510
Email: info@Allelco.com