

Image may be representation.  
See specifications for product details.



## PIC16F627-04/P

Manufacturer Part Number	<a href="#">PIC16F627-04/P</a>
Manufacturer	<a href="#">Microchip Technology</a>
Allelco Part Number	32D-PIC16F627-04/P
ECAD Model	<a href="#">Request Free CAD Models</a>
Parts Description	IC MCU 8BIT 1.75KB FLASH 18DIP
Package	18-DIP (0.300", 7.62mm)
Data sheet	<a href="#">MPLAB® ICE2000 Spec.pdf</a> <a href="#">Tips N Tricks Guide.pdf</a> <a href="#">PIC16F62x Datasheet.pdf</a>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

PIC16F627-04/P - Microchip Technology. New Original in Stock. Download Linear Technology PIC16F627-04/P datasheet/specifications on AllelcoElec.com.  
Request a quote for PIC16F627-04/P, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

PIC16F627-04/P Tech Specifications

PIC16F627-04/P - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	3V ~ 5.5V	Operating Temperature	0°C ~ 70°C (TA)
Supplier Device Package	18-PDIP	Number of I/O	16
Speed	4MHz	Mounting Type	Through Hole
Series	PIC® 16F	EEPROM Size	128 x 8
RAM Size	224 x 8	Data Converters	-
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	1.75KB (1K x 14)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	UART/USART
Package / Case	18-DIP (0.300", 7.62mm)	Base Product Number	PIC16F627
Package	Tube		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC16F627-04/P

Product Attribute				
Part Number	PIC16F627-04/P	<a href="#">PIC16F627-20/SS</a>	<a href="#">PIC16F616T-I/ST</a>	<a href="#">PIC16F616-I/SL</a>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Number of I/O	16	16	11	11
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Data Converters	-	-	A/D 8x10b	A/D 8x10b
Operating Temperature	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
RAM Size	224 x 8	224 x 8	128 x 8	128 x 8
Oscillator Type	Internal	Internal	Internal	Internal
Series	PIC® 16F	PIC® 16F	PIC® 16F	PIC® 16F
Supplier Device Package	18-PDIP	20-SSOP	14-TSSOP	14-SOIC
Package	Tube	Tube	Tape & Reel (TR)	Tube
Core Processor	PIC	PIC	PIC	PIC
EEPROM Size	128 x 8	128 x 8	-	-
Base Product Number	PIC16F627	PIC16F627	PIC16F616	PIC16F616
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount
Package / Case	18-DIP (0.300", 7.62mm)	20-SSOP (0.209", 5.30mm Width)	14-TSSOP (0.173", 4.40mm Width)	14-SOIC (0.154", 3.90mm Width)
Speed	4MHz	20MHz	20MHz	20MHz
Program Memory Size	1.75KB (1K x 14)	1.75KB (1K x 14)	3.5KB (2K x 14)	3.5KB (2K x 14)
Connectivity	UART/USART	UART/USART	-	-
Voltage - Supply (Vcc/Vdd)	3V ~ 5.5V	3V ~ 5.5V	2V ~ 5.5V	2V ~ 5.5V
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT

## PIC16F627-04/P Datasheet PDF

Download PIC16F627-04/P pdf datasheets and Microchip Technology documentation for PIC16F627-04/P - Microchip Technology.

### Datasheets

[PIC16F62x Datasheet.pdf](#)

### PCN Packaging

## PCN Assembly/Origin

2.73KHz.pdf






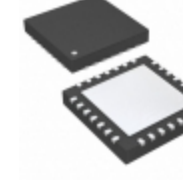







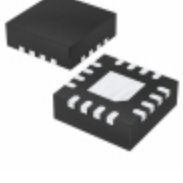




## HTML Datasheet

MPLAB® ICE2000 Spec.pdf

Tips N Tricks Guide.pdf

## Customers Also Interested in

### Recommended Products

					
<b>PIC16F627-20/SS</b> Microchip Technology IC MCU 8BIT 1.75KB FLASH 20SSOP	<b>PIC16F616I/ML</b> Micrel / Microchip Technology	<b>PIC16F616T-I/ST</b> Microchip Technology IC MCU 8BIT 3.5KB FLASH 14TSSOP	<b>PIC16F616-I/SL</b> Microchip Technology IC MCU 8BIT 3.5KB FLASH 14SOIC	<b>PIC16F627-20I/P</b> Microchip Technology IC MCU 8BIT 1.75KB FLASH 18DIP	<b>PIC16F627A-I/ML</b> Microchip Technology IC MCU 8BIT 1.75KB FLASH 28QFN
					
<b>PIC16F616-I/ST</b> Microchip Technology IC MCU 8BIT 3.5KB FLASH 14TSSOP	<b>PIC16F627-04/SO</b> Microchip Technology IC MCU 8BIT 1.75KB FLASH 18SOIC	<b>PIC16F627A-E/P</b> Microchip Technology IC MCU 8BIT 1.75KB FLASH 18DIP	<b>PIC16F616T-E/ST</b> Micrel / Microchip Technology	<b>PIC16F616-I/P</b> Microchip Technology IC MCU 8BIT 3.5KB FLASH 14DIP	<b>PIC16F627A-E/SS</b> Microchip Technology IC MCU 8BIT 1.75KB FLASH 20SSOP
					
<b>PIC16F627-20/P</b> Microchip Technology IC MCU 8BIT 1.75KB FLASH 18DIP	<b>PIC16F616T-I/ML</b> Microchip Technology IC MCU 8BIT 3.5KB FLASH 16QFN	<b>PIC16F616T-E/SL</b> Micrel / Microchip Technology	<b>PIC16F616T-I/SL</b> Microchip Technology IC MCU 8BIT 3.5KB FLASH 14SOIC	<b>PIC16F627-20/SO</b> Microchip Technology IC MCU 8BIT 1.75KB FLASH 18SOIC	<b>PIC16F627-04/SS</b> Microchip Technology IC MCU 8BIT 1.75KB FLASH 20SSOP

## 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  
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### Certifications & Memberships



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