

Image may be representation.
See specifications for product details.



PIC16LF627A-I/P

Manufacturer Part Number	PIC16LF627A-I/P
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC16LF627A-I/P
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 1.75KB FLASH 18DIP
Package	18-DIP (0.300', 7.62mm)
Data sheet	PIC16F627A/628A/648A.pdf PIC16F62x Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

PIC16LF627A-I/P - Microchip Technology. New Original in Stock. Download Linear Technology PIC16LF627A-I/P datasheet/specifications on AllelcoElec.com.
Request a quote for PIC16LF627A-I/P, please send us email: info@allelco.com

Specifications

PIC16LF627A-I/P Tech Specifications

PIC16LF627A-I/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)	2V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	18-PDIP	Number of I/O	16
Speed	20MHz	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	PIC16LF627
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC16LF627A-I/P

Product Attribute				
Part Number	PIC16LF627A-I/P	PIC16LF627-04I/SS	PIC16LF628A-I/SS	PIC16LF628-04/P
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Data Converters	-	-	-	-
Oscillator Type	Internal	Internal	Internal	Internal
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Supplier Device Package	18-PDIP	20-SSOP	20-SSOP	18-PDIP
Package	Tube	Tube	Tube	Tube
Number of I/O	16	16	16	16
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
Core Processor	PIC	PIC	PIC	PIC
Series	PIC® 16F	PIC® 16F	PIC® 16F	PIC® 16F
RAM Size	224 x 8	224 x 8	224 x 8	224 x 8
Connectivity	UART/USART	UART/USART	UART/USART	UART/USART
Package / Case	18-DIP (0.300', 7.62mm)	20-SSOP (0.209', 5.30mm Width)	20-SSOP (0.209', 5.30mm Width)	18-DIP (0.300', 7.62mm)
Program Memory Size	1.75KB (1K x 14)	1.75KB (1K x 14)	3.5KB (2K x 14)	3.5KB (2K x 14)
EEPROM Size	128 x 8	128 x 8	128 x 8	128 x 8
Base Product Number	PIC16LF627	PIC16LF627	PIC16LF628	PIC16LF628
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)
Speed	20MHz	4MHz	20MHz	4MHz
Mounting Type	Through Hole	Surface Mount	Surface Mount	Through Hole
Voltage - Supply (Vcc/Vdd)	2V ~ 5.5V	2V ~ 5.5V	2V ~ 5.5V	2V ~ 5.5V

PIC16LF627A-I/P Datasheet PDF

Download PIC16LF627A-I/P pdf datasheets and Microchip Technology documentation for PIC16LF627A-I/P - Microchip Technology.

Datasheets

[PIC16F62x Datasheet.pdf](#)

PCN Packaging


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

[Packing Changes 10/Oct/2016.pdf](#)


PCN Assembly/Origin

 2.73KHz.pdf

Errata






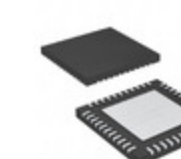

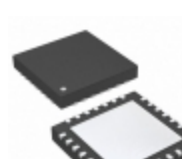






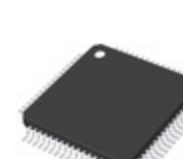
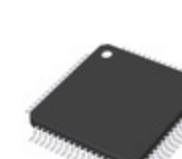


 Timer1 Module Silicon Errata Sheet.pdf

HTML Datasheet

 PIC16F627A/628A/648A.pdf

Customers Also Interested in

Recommended Products

					
PIC16LF627-04I/SS Microchip Technology IC MCU 8BIT 1.75KB FLASH 20SSOP	PIC16LF628A-I/SS Microchip Technology IC MCU 8BIT 3.5KB FLASH 20SSOP	PIC16LF628-04/P Microchip Technology IC MCU 8BIT 3.5KB FLASH 18DIP	PIC16LF628-04I/P Microchip Technology IC MCU 8BIT 3.5KB FLASH 18DIP	PIC16LF628AT-I/SS Microchip Technology IC MCU 8BIT 3.5KB FLASH 20SSOP	PIC16LF1939T-I/ML Microchip Technology IC MCU 8BIT 28KB FLASH 44QFN
					
PIC16LF1947-I/PT Microchip Technology IC MCU 8BIT 28KB FLASH 64TQFP	PIC16LF628A-I/ML Microchip Technology IC MCU 8BIT 3.5KB FLASH 28QFN	PIC16LF627-04I/SO Microchip Technology IC MCU 8BIT 1.75KB FLASH 18SOIC	PIC16LF627A-I/SO Microchip Technology IC MCU 8BIT 1.75KB FLASH 18SOIC	PIC16LF628-04I/SS Microchip Technology IC MCU 8BIT 3.5KB FLASH 20SSOP	PIC16LF628-04/SO Microchip Technology IC MCU 8BIT 3.5KB FLASH 18SOIC
					
PIC16LF627-04 PIC GmbH	PIC16LF627-04/SO Microchip Technology IC MCU 8BIT 1.75KB FLASH 18SOIC	PIC16LF1946-I/PT Microchip Technology IC MCU 8BIT 14KB FLASH 64TQFP	PIC16LF1947-E/PT Microchip Technology IC MCU 8BIT 28KB FLASH 64TQFP	PIC16LF1939-I/PT Microchip Technology IC MCU 8BIT 28KB FLASH 44TQFP	PIC16LF627A-I/SS 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.

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Certifications & Memberships



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