



Image may be representation.
See specifications for product details.



PIC16F628-20I/SO

Manufacturer Part Number	PIC16F628-20I/SO
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC16F628-20I/SO
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 8BIT 3.5KB FLASH 18SOIC
Package	18-SOIC (0.295", 7.50mm Width)
Data sheet	MPLAB® ICE2000 Spec.pdf Tips N Tricks Guide.pdf PIC16F62x Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

PIC16F628-20I/SO - Microchip Technology.New Original in Stock. Download Linear Technology PIC16F628-20I/SO datasheet/specifications on AllelcoElec.com.
Request a quote for PIC16F628-20I/SO, please send us email: info@allelco.com

Specifications

PIC16F628-20I/SO Tech Specifications
PIC16F628-20I/SO - 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	-40°C ~ 85°C (TA)
Supplier Device Package	18-SOIC	Number of I/O	16
Speed	20MHz	Mounting Type	Surface Mount
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	3.5KB (2K x 14)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	UART/USART
Package / Case	18-SOIC (0.295", 7.50mm Width)	Base Product Number	PIC16F628
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC16F628-20I/SO

Product Attribute				
Part Number	PIC16F628-20I/SO	PIC16F628-04/SS	PIC16F628-04I/SS	PIC16F628-20/SO
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Package / Case	18-SOIC (0.295", 7.50mm Width)	20-SSOP (0.209", 5.30mm Width)	20-SSOP (0.209", 5.30mm Width)	18-SOIC (0.295", 7.50mm Width)
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Program Memory Size	3.5KB (2K x 14)	3.5KB (2K x 14)	3.5KB (2K x 14)	3.5KB (2K x 14)
Voltage - Supply (Vcc/Vdd)	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V
RAM Size	224 x 8	224 x 8	224 x 8	224 x 8
Oscillator Type	Internal	Internal	Internal	Internal
EEPROM Size	128 x 8	128 x 8	128 x 8	128 x 8
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
Connectivity	UART/USART	UART/USART	UART/USART	UART/USART
Package	Tube	Tube	Tube	Tube
Speed	20MHz	4MHz	4MHz	20MHz
Series	PIC® 16F	PIC® 16F	PIC® 16F	PIC® 16F
Core Processor	PIC	PIC	PIC	PIC
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	18-SOIC	20-SSOP	20-SSOP	18-SOIC
Base Product Number	PIC16F628	PIC16F628	PIC16F628	PIC16F628
Data Converters	-	-	-	-
Operating Temperature	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)

PIC16F628-20I/SO Datasheet PDF

Download PIC16F628-20I/SO pdf datasheets and Microchip Technology documentation for PIC16F628-20I/SO - Microchip Technology.

Datasheets

[MPLAB® ICE2000 Spec.pdf](#)






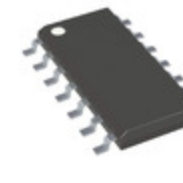












[Tips N Tricks Guide.pdf](#)

[PIC16F62x Datasheet.pdf](#)

PCN Packaging

Customers Also Interested in

Recommended Products

					
PIC16F628-04/SS Microchip Technology IC MCU 8BIT 3.5KB FLASH 20SSOP	PIC16F628-04I/SS Microchip Technology IC MCU 8BIT 3.5KB FLASH 20SSOP	PIC16F628-20/SO Microchip Technology IC MCU 8BIT 3.5KB FLASH 18SOIC	PIC16F628-20/P Microchip Technology IC MCU 8BIT 3.5KB FLASH 18DIP	PIC16F627AT-I/SO Microchip Technology IC MCU 8BIT 1.75KB FLASH 18SOIC	PIC16F630-I/SL Microchip Technology IC MCU 8BIT 1.75KB FLASH 14SOIC
					
PIC16F628-20/SS Microchip Technology IC MCU 8BIT 3.5KB FLASH 20SSOP	PIC16F627A-I/SS Microchip Technology IC MCU 8BIT 1.75KB FLASH 20SSOP	PIC16F628A-I/SS Microchip Technology IC MCU 8BIT 3.5KB FLASH 20SSOP	PIC16F630-I/P Microchip Technology IC MCU 8BIT 1.75KB FLASH 14DIP	PIC16F628A-E/SS Microchip Technology IC MCU 8BIT 3.5KB FLASH 20SSOP	PIC16F628AT-I/SO Microchip Technology IC MCU 8BIT 3.5KB FLASH 18SOIC
					
PIC16F627A-I/SO Microchip Technology IC MCU 8BIT 1.75KB FLASH 18SOIC	PIC16F628A-I/SO Microchip Technology IC MCU 8BIT 3.5KB FLASH 18SOIC	PIC16F628A-I/P Microchip Technology IC MCU 8BIT 3.5KB FLASH 18DIP	PIC16F628-20I/P Microchip Technology IC MCU 8BIT 3.5KB FLASH 18DIP	PIC16F628-04/P Microchip Technology IC MCU 8BIT 3.5KB FLASH 18DIP	PIC16F628-20I/SS Microchip Technology IC MCU 8BIT 3.5KB 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
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Contact us if you have any questions.

 Phone +00852 9146 4856	 Email info@allelco.com
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Certifications & Memberships



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