



## PIC16C62B-20/SP

Manufacturer Part Number	<b>PIC16C62B-20/SP</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-PIC16C62B-20/SP
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 3.5KB OTP 28SPDIP
Package	28-DIP (0.300", 7.62mm)
Data sheet	<a href="#">MPLAB® ICE2000 Spec.pdf</a> <a href="#">Tips N Tricks Guide.pdf</a> <a href="#">PIC16C62B, 72A.pdf</a>
RoHS Status	ROHS3 Compliant



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PIC16C62B-20/SP - Microchip Technology. New Original in Stock. Download Linear Technology PIC16C62B-20/SP datasheet/specifications on AllelcoElec.com.  
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### Specifications

PIC16C62B-20/SP Tech Specifications

PIC16C62B-20/SP - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Oscillator Type	External
Voltage - Supply (Vcc/Vdd)	4V ~ 5.5V	Operating Temperature	0°C ~ 70°C (TA)
Supplier Device Package	28-SPDIP	Number of I/O	22
Speed	20MHz	Mounting Type	Through Hole
Series	PIC® 16C	EEPROM Size	-
RAM Size	128 x 8	Data Converters	-
Program Memory Type	OTP	Core Size	8-Bit
Program Memory Size	3.5KB (2K x 14)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	I²C, SPI
Package / Case	28-DIP (0.300", 7.62mm)	Base Product Number	PIC16C62
Package	Tube		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC16C62B-20/SP

Product Attribute	NO PICTURE			
Part Number	PIC16C62B-20/SP	<a href="#">PIC16C63A-04I/SP</a>	<a href="#">PIC16C63-10I/SO</a>	<a href="#">PIC16C63A-04/SO</a>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Supplier Device Package	28-SPDIP	28-SPDIP	28-SOIC	28-SOIC
Operating Temperature	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)
RAM Size	128 x 8	192 x 8	192 x 8	192 x 8
Data Converters	-	-	-	-
Core Processor	PIC	PIC	PIC	PIC
Speed	20MHz	4MHz	10MHz	4MHz
Program Memory Size	3.5KB (2K x 14)	7KB (4K x 14)	7KB (4K x 14)	7KB (4K x 14)
Connectivity	I²C, SPI	I²C, SPI, UART/USART	I²C, SPI, UART/USART	I²C, SPI, UART/USART
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Program Memory Type	OTP	OTP	OTP	OTP
Oscillator Type	External	External	External	External
Number of I/O	22	22	22	22
Package / Case	28-DIP (0.300", 7.62mm)	28-DIP (0.300", 7.62mm)	28-SOIC (0.295", 7.50mm Width)	28-SOIC (0.295", 7.50mm Width)
Base Product Number	PIC16C62	PIC16C63	PIC16C63	PIC16C63
Voltage - Supply (Vcc/Vdd)	4V ~ 5.5V	4V ~ 5.5V	4V ~ 6V	4V ~ 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
Package	Tube	Tube	Tube	Tube
Series	PIC® 16C	PIC® 16C	PIC® 16C	PIC® 16C
Mounting Type	Through Hole	Through Hole	Surface Mount	Surface Mount
EEPROM Size	-	-	-	-


### PIC16C62B-20/SP Datasheet PDF

Download PIC16C62B-20/SP pdf datasheets and Microchip Technology documentation for PIC16C62B-20/SP - Microchip Technology.

#### Datasheets


PIC16C62B, 72A.pdf

#### PCN Packaging

 Label and Packing Changes 23/Sep/2015.pdf


 MBB/Label Chgs 16/Nov/2018.pdf

## PCN Assembly/Origin

 2.73KHz.pdf

## HTML Datasheet

 MPLAB® ICE2000 Spec.pdf

 Tips N Tricks Guide.pdf

## Design Resources

 PIC16C62 Development Tool Selector.pdf

## Customers Also Interested in

### Recommended Products



#### PIC16C63A-04I/SP

Microchip Technology  
IC MCU 8BIT 7KB OTP 28SPDIP



#### PIC16C63-10I/SO

Microchip Technology  
IC MCU 8BIT 7KB OTP 28SOIC



#### PIC16C63A-04/SO

Microchip Technology  
IC MCU 8BIT 7KB OTP 28SOIC



#### PIC16C63A-04/SP

Microchip Technology  
IC MCU 8BIT 7KB OTP 28SPDIP



#### PIC16C63A-04/SS

Microchip Technology  
IC MCU 8BIT 7KB OTP 28SSOP

#### PIC16C63A-20/SO

Microchip Technology  
IC MCU 8BIT 7KB OTP 28SOIC



#### PIC16C63-04/SP

Microchip Technology  
IC MCU 8BIT 7KB OTP 28SPDIP



#### PIC16C62A-04/SS

Microchip Technology  
IC MCU 8BIT 3.5KB OTP 28SSOP



#### PIC16C62B-04/SO

Microchip Technology  
IC MCU 8BIT 3.5KB OTP 28SOIC



#### PIC16C62B-04/SS

Microchip Technology  
IC MCU 8BIT 3.5KB OTP 28SSOP



#### PIC16C62A-04I/SO

Microchip Technology  
IC MCU 8BIT 3.5KB OTP 28SOIC



#### PIC16C62B-04I/SS

Microchip Technology  
IC MCU 8BIT 3.5KB OTP 28SSOP



#### PIC16C62A-04E/SO

Microchip Technology  
IC MCU 8BIT 3.5KB OTP 28SOIC



#### PIC16C62B-04I/SP

Microchip Technology  
IC MCU 8BIT 3.5KB OTP 28SPDIP



#### PIC16C62B-04/SP

Microchip Technology  
IC MCU 8BIT 3.5KB OTP 28SPDIP



#### PIC16C62B-04I/SO

Microchip Technology  
IC MCU 8BIT 3.5KB OTP 28SOIC



#### PIC16C63-20I/SO

Microchip Technology  
IC MCU 8BIT 7KB OTP 28SOIC



#### PIC16C62A-04I/SP

Microchip Technology  
IC MCU 8BIT 3.5KB OTP 28SPDIP

## 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 Alleco 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

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Email

info@alleco.com

## Certifications & Memberships



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