





## PIC16C72A-20/SP

Manufacturer Part Number	<b>PIC16C72A-20/SP</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-PIC16C72A-20/SP
ECAD Model	 PCB Footprint and Symbol
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



**Get a Quote**

PIC16C72A-20/SP - Microchip Technology. New Original in Stock. Download Linear Technology PIC16C72A-20/SP datasheet/specifications on AllelcoElec.com.  
Request a quote for PIC16C72A-20/SP, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications





PIC16C72A-20/SP Tech Specifications

PIC16C72A-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	A/D 5x8b
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	PIC16C72
Package	Tube		

### Parts with Similar Specifications


The three parts on the right have similar specifications to Microchip Technology PIC16C72A-20/SP

Product Attribute	 NO PICTURE			
Part Number	PIC16C72A-20/SP	<a href="#">PIC16C72A-04/SO</a>	<a href="#">PIC16C72A-20/SO</a>	<a href="#">PIC16C73A-04/SP</a>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Series	PIC® 16C	PIC® 16C	PIC® 16C	PIC® 16C
Data Converters	A/D 5x8b	A/D 5x8b	A/D 5x8b	A/D 5x8b
Speed	20MHz	4MHz	20MHz	4MHz
Base Product Number	PIC16C72	PIC16C72	PIC16C72	PIC16C73
Number of I/O	22	22	22	22
Package / Case	28-DIP (0.300", 7.62mm)	28-SOIC (0.295", 7.50mm Width)	28-SOIC (0.295", 7.50mm Width)	28-DIP (0.300", 7.62mm)
Program Memory Type	OTP	OTP	OTP	OTP
Package	Tube	Tube	Tube	Tube
Oscillator Type	External	External	External	External
Core Processor	PIC	PIC	PIC	PIC
Voltage - Supply (Vcc/Vdd)	4V ~ 5.5V	4V ~ 5.5V	4V ~ 5.5V	4V ~ 6V
Connectivity	I²C, SPI	I²C, SPI	I²C, SPI	I²C, SPI, UART/USART
Program Memory Size	3.5KB (2K x 14)	3.5KB (2K x 14)	3.5KB (2K x 14)	7KB (4K x 14)
RAM Size	128 x 8	128 x 8	128 x 8	192 x 8
Mounting Type	Through Hole	Surface Mount	Surface Mount	Through Hole
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
EEPROM Size	-	-	-	-
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
Supplier Device Package	28-SPDIP	28-SOIC	28-SOIC	28-SPDIP
Operating Temperature	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)

### PIC16C72A-20/SP Datasheet PDF

Download PIC16C72A-20/SP pdf datasheets and Microchip Technology documentation for PIC16C72A-20/SP - Microchip Technology.

#### Datasheets


PIC16C62B, 72A.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>PIC16C72A-041/SO</b> MICHIP	<b>PIC16C72A-04/SO</b> Microchip Technology IC MCU 8BIT 3.5KB OTP 28SOIC	<b>PIC16C72AT-04I</b> Micrel / Microchip Technology	<b>PIC16C72A-20/SO</b> Microchip Technology IC MCU 8BIT 3.5KB OTP 28SOIC	<b>PIC16C73A-04/SP</b> Microchip Technology IC MCU 8BIT 7KB OTP 28SPDIP	<b>PIC16C72A-04/P</b> MIC
<b>PIC16C73A-04/SO</b> Microchip Technology IC MCU 8BIT 7KB OTP 28SOIC	<b>PIC16C72A-20/SS</b> Microchip Technology IC MCU 8BIT 3.5KB OTP 28SSOP	<b>PIC16C72A-20I/SP</b> Microchip Technology IC MCU 8BIT 3.5KB OTP 28SPDIP	<b>PIC16C72A-04/SP</b> Microchip Technology IC MCU 8BIT 3.5KB OTP 28SPDIP	<b>PIC16C73A-04I/SP</b> Microchip Technology IC MCU 8BIT 7KB OTP 28SPDIP	<b>PIC16C72A/S</b> Micrel / Microchip Technology
<b>PIC16C72A-04/SS</b> Microchip Technology IC MCU 8BIT 3.5KB OTP 28SSOP	<b>PIC16C72A04I-SP</b> Micrel / Microchip Technology	<b>PIC16C72A-04I/SP</b> Microchip Technology IC MCU 8BIT 3.5KB OTP 28SPDIP	<b>PIC16C72A/JW</b> Microchip Technology IC MCU 8B 3.5KB EPROM 28CERDIP	<b>PIC16C72-20/SO</b> Microchip Technology IC MCU 8BIT 3.5KB OTP 28SOIC	<b>PIC16C72A-04I/SO</b> Microchip Technology IC MCU 8BIT 3.5KB OTP 28SOIC

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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