



Image may be representation.  
See specifications for product details.



## PIC16C621A-20E/SO

Manufacturer Part Number	<b>PIC16C621A-20E/SO</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-PIC16C621A-20E/SO
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8BIT 1.75KB OTP 18SOIC
Package	18-SOIC (0.295", 7.50mm Width)
Data sheet	<b>MPLAB® ICE2000 Spec.pdf</b> <b>Tips N Tricks Guide.pdf</b> <b>PIC16C62x.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

PIC16C621A-20E/SO - Microchip Technology. New Original in Stock. Download Linear Technology PIC16C621A-20E/SO datasheet/specifications on AllelcoElec.com. Request a quote for PIC16C621A-20E/SO, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

PIC16C621A-20E/SO Tech Specifications  
PIC16C621A-20E/SO - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Oscillator Type	External
Voltage - Supply (Vcc/Vdd)	2.5V ~ 5.5V	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package	18-SOIC	Number of I/O	13
Speed	20MHz	Mounting Type	Surface Mount
Series	PIC® 16C	EEPROM Size	-
RAM Size	96 x 8	Data Converters	-
Program Memory Type	OTP	Core Size	8-Bit
Program Memory Size	1.75KB (1K x 14)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, POR, WDT	Connectivity	-
Package / Case	18-SOIC (0.295", 7.50mm Width)	Base Product Number	PIC16C621
Package	Tube		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC16C621A-20E/SO

Product Attribute				
Part Number	PIC16C621A-20E/SO	<b>PIC16C620AT-20I/SO</b>	<b>PIC16C621A-04/SO</b>	<b>PIC16C621A-04/P</b>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Number of I/O	13	13	13	13
Core Processor	PIC	PIC	PIC	PIC
Speed	20MHz	20MHz	4MHz	4MHz
Package / Case	18-SOIC (0.295", 7.50mm Width)	18-SOIC (0.295", 7.50mm Width)	18-SOIC (0.295", 7.50mm Width)	18-DIP (0.300", 7.62mm)
Oscillator Type	External	External	External	External
EEPROM Size	-	-	-	-
Peripherals	Brown-out Detect/Reset, POR, WDT	Brown-out Detect/Reset, POR, WDT	Brown-out Detect/Reset, POR, WDT	Brown-out Detect/Reset, POR, WDT
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
RAM Size	96 x 8	96 x 8	96 x 8	96 x 8
Base Product Number	PIC16C621	PIC16C620	PIC16C621	PIC16C621
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)
Voltage - Supply (Vcc/Vdd)	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V
Connectivity	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Series	PIC® 16C	PIC® 16C	PIC® 16C	PIC® 16C
Supplier Device Package	18-SOIC	18-SOIC	18-SOIC	18-PDIP
Program Memory Size	1.75KB (1K x 14)	896B (512 x 14)	1.75KB (1K x 14)	1.75KB (1K x 14)
Program Memory Type	OTP	OTP	OTP	OTP
Package	Tube	Tape & Reel (TR)	Tube	Tube
Data Converters	-	-	-	-

## PIC16C621A-20E/SO Datasheet PDF

Download PIC16C621A-20E/SO pdf datasheets and Microchip Technology documentation for PIC16C621A-20E/SO - Microchip Technology.

### Datasheets

MPLAB® ICE2000 Spec.pdf

Tips N Tricks Guide.pdf

PIC16C62x.pdf

### PCN Packaging

Label and Packing Changes 23/Sep/2015.pdf

Packing Changes 10/Oct/2016.pdf

### PCN Design/Specification

Die Attach Material Add 13/Oct/2015.pdf

PdCu Wire Update 18/Feb/2015.pdf

### PCN Assembly/Origin

Mult Devices Bond Wire 09/Mar/2018.pdf

### PCN Part Status Change

PIC16C621A Migration 01/Aug/2001.pdf

## Customers Also Interested in

### Recommended Products



#### PIC16C620AT-20I/SO

Microchip Technology  
IC MCU 8BIT 896B OTP 18SOIC



#### PIC16C621A-04/SO

Microchip Technology  
IC MCU 8BIT 1.75KB OTP 18SOIC



#### PIC16C621A-04/P

Microchip Technology  
IC MCU 8BIT 1.75KB OTP 18DIP



#### PIC16C620AT-04I/SO

Microchip Technology  
IC MCU 8BIT 896B OTP 18SOIC



#### PIC16C621A-04/SS

Microchip Technology  
IC MCU 8BIT 1.75KB OTP 20SSOP



#### PIC16C621A-047P

MOTOROLA



#### PIC16C621AT-04I/SO

Microchip Technology  
IC MCU 8BIT 1.75KB OTP 18SOIC



#### PIC16C622A-04/SO

Microchip Technology  
IC MCU 8BIT 3.5KB OTP 18SOIC



#### PIC16C621AT-04I/SS

Microchip Technology  
IC MCU 8BIT 1.75KB OTP 20SSOP



#### PIC16C622-04I/SO

Microchip Technology  
IC MCU 8BIT 3.5KB OTP 18SOIC



#### PIC16C621A-20I/SO

Microchip Technology  
IC MCU 8BIT 1.75KB OTP 18SOIC



#### PIC16C621A-04I/SS

Microchip Technology  
IC MCU 8BIT 1.75KB OTP 20SSOP



#### PIC16C621-04I/SO

Microchip Technology  
IC MCU 8BIT 1.75KB OTP 18SOIC



#### PIC16C622/JW

Microchip Technology  
IC MCU 8B 3.5KB EPROM 18CERDIP



#### PIC16C620A-20I/SS

Microchip Technology  
IC MCU 8BIT 896B OTP 20SSOP



#### PIC16C621AT-20I/SO

Microchip Technology  
IC MCU 8BIT 1.75KB OTP 18SOIC



#### PIC16C622-20I/SO

Microchip Technology  
IC MCU 8BIT 3.5KB OTP 18SOIC



#### PIC16C622-04/SS

Microchip Technology  
IC MCU 8BIT 3.5KB OTP 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

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Email

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## Certifications & Memberships



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