

Image may be representation.
See specifications for product details.



PIC16C505-04/P

Manufacturer Part Number	PIC16C505-04/P
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC16C505-04/P
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 8BIT 1.5KB OTP 14DIP
Package	14-DIP (0.300", 7.62mm)
Data sheet	MPLAB® ICE2000 Spec.pdf Tips N Tricks Guide.pdf PIC16C505.pdf
RoHs Status	ROHS3 Compliant

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PIC16C505-04/P - Microchip Technology. New Original in Stock. Download Linear Technology PIC16C505-04/P datasheet/specifications on AllelcoElec.com.
Request a quote for PIC16C505-04/P, please send us email: info@allelco.com

Specifications

PIC16C505-04/P Tech Specifications
PIC16C505-04/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)	3V ~ 5.5V	Operating Temperature	0°C ~ 70°C (TA)
Supplier Device Package	14-PDIP	Number of I/O	11
Speed	4MHz	Mounting Type	Through Hole
Series	PIC® 16C	EEPROM Size	-
RAM Size	72 x 8	Data Converters	-
Program Memory Type	OTP	Core Size	8-Bit
Program Memory Size	1.5KB (1K x 12)	Core Processor	PIC
Peripherals	POR, WDT	Connectivity	-
Package / Case	14-DIP (0.300", 7.62mm)	Base Product Number	PIC16C505
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC16C505-04/P

Product Attribute				
Part Number	PIC16C505-04/P	PIC16C505-20/SL	PIC16C505-04I/SL	PIC14000-20I/SP
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Peripherals	POR, WDT	POR, WDT	POR, WDT	POR, Temp Sensor, WDT
Voltage - Supply (Vcc/Vdd)	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V	2.7V ~ 6V
Core Processor	PIC	PIC	PIC	PIC
EEPROM Size	-	-	-	-
Mounting Type	Through Hole	Surface Mount	Surface Mount	Through Hole
Program Memory Size	1.5KB (1K x 12)	1.5KB (1K x 12)	1.5KB (1K x 12)	7KB (4K x 14)
Speed	4MHz	20MHz	4MHz	20MHz
Number of I/O	11	11	11	20
Oscillator Type	Internal	Internal	Internal	Internal
Package / Case	14-DIP (0.300", 7.62mm)	14-SOIC (0.154", 3.90mm Width)	14-SOIC (0.154", 3.90mm Width)	28-DIP (0.300", 7.62mm)
Base Product Number	PIC16C505	PIC16C505	PIC16C505	PIC14000
Supplier Device Package	14-PDIP	14-SOIC	14-SOIC	28-SPDIP
Operating Temperature	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Package	Tube	Tube	Tube	Tube
RAM Size	72 x 8	72 x 8	72 x 8	192 x 8
Program Memory Type	OTP	OTP	OTP	OTP
Series	PIC® 16C	PIC® 16C	PIC® 16C	PIC® 14
Data Converters	-	-	-	Slope A/D
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Connectivity	-	-	-	I ² C

PIC16C505-04/P Datasheet PDF

Download PIC16C505-04/P pdf datasheets and Microchip Technology documentation for PIC16C505-04/P - Microchip Technology.

Datasheets

[MPLAB® ICE2000 Spec.pdf](#)

[Tips N Tricks Guide.pdf](#)

[PIC16C505.pdf](#)



















PCN Packaging

PCN Assembly/Origin

Mult Dev 13/Apr/2020.pdf

Customers Also Interested in

Recommended Products

 PIC16C505-20I/SL Microchip Technology IC MCU 8BIT 1.5KB OTP 14SOIC	 PIC16C02-ME Micrel / Microchip Technology	 PIC16C505-04I/SL Microchip Technology IC MCU 8BIT 1.5KB OTP 14SOIC	 PIC14000-20I/SP Microchip Technology IC MCU 8BIT 7KB OTP 28SPDIP	 PIC14000-20I/SS Microchip Technology IC MCU 8BIT 7KB OTP 28SSOP	 PIC16C505-04E/SL Microchip Technology IC MCU 8BIT 1.5KB OTP 14SOIC
 PIC14000T-04/SS Microchip Technology IC MCU 8BIT 7KB OTP 28SSOP	 PIC14000-049/SS Micrel / Microchip Technology	 PIC16C505-04I/P Microchip Technology IC MCU 8BIT 1.5KB OTP 14DIP	 PIC16C505-04/SL Microchip Technology IC MCU 8BIT 1.5KB OTP 14SOIC	 PIC16C505-04 I	 PIC16C01-ME Micrel / Microchip Technology
 PIC16C505-20I/SL Microchip Technology IC MCU 8BIT 1.5KB OTP 14SOIC	 PIC1657-820 Micrel / Microchip Technology	 PIC16C505T-04I/SL Microchip Technology IC MCU 8BIT 1.5KB OTP 14SOIC	 PIC14000-04I/SS Microchip Technology IC MCU 8BIT 7KB OTP 28SSOP	 PIC1654-561 Micrel / Microchip Technology	 PIC16C505T-20/SL Microchip Technology IC MCU 8BIT 1.5KB OTP 14SOIC

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.

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Certifications & Memberships



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