

Image may be representation.
See specifications for product details.



PIC16C505-20I/SL

Manufacturer Part Number	PIC16C505-20I/SL
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC16C505-20I/SL
ECAD Model	PCB Footprint and Symbol
Parts Description	IC MCU 8BIT 1.5KB OTP 14SOIC
Package	14-SOIC (0.154", 3.90mm Width)
Data sheet	MPLAB® ICE2000 Spec.pdf Tips N Tricks Guide.pdf PIC16C505.pdf
RoHs Status	ROHS3 Compliant

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PIC16C505-20I/SL - Microchip Technology. New Original in Stock. Download Linear Technology PIC16C505-20I/SL datasheet/specifications on AllelcoElec.com. Request a quote for PIC16C505-20I/SL, please send us email: info@allelco.com

Specifications

PIC16C505-20I/SL Tech Specifications

PIC16C505-20I/SL - 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	14-SOIC	Number of I/O	11
Speed	20MHz	Mounting Type	Surface Mount
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-SOIC (0.154", 3.90mm Width)	Base Product Number	PIC16C505
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC16C505-20I/SL

Product Attribute				
Part Number	PIC16C505-20I/SL	PIC16C54-10/P	PIC16C54-HS/P	PIC16C54-LPI/P
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Operating Temperature	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)
Connectivity	-	-	-	-
Supplier Device Package	14-SOIC	18-PDIP	18-PDIP	18-PDIP
Number of I/O	11	12	12	12
Core Processor	PIC	PIC	PIC	PIC
Series	PIC® 16C	PIC® 16C	PIC® 16C	PIC® 16C
Oscillator Type	Internal	External	External	External
RAM Size	72 x 8	25 x 8	25 x 8	25 x 8
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Mounting Type	Surface Mount	Through Hole	Through Hole	Through Hole
Peripherals	POR, WDT	POR, WDT	POR, WDT	POR, WDT
Program Memory Size	1.5KB (1K x 12)	768B (512 x 12)	768B (512 x 12)	768B (512 x 12)
Voltage - Supply (Vcc/Vdd)	3V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V	2.5V ~ 6.25V
Data Converters	-	-	-	-
Speed	20MHz	10MHz	20MHz	40MHz
EEPROM Size	-	-	-	-
Program Memory Type	OTP	OTP	OTP	OTP
Base Product Number	PIC16C505	PIC16C54	PIC16C54	PIC16C54
Package	Tube	Tube	Tube	Tube
Package / Case	14-SOIC (0.154", 3.90mm Width)	18-DIP (0.300", 7.62mm)	18-DIP (0.300", 7.62mm)	18-DIP (0.300", 7.62mm)

PIC16C505-20I/SL Datasheet PDF

Download PIC16C505-20I/SL pdf datasheets and Microchip Technology documentation for PIC16C505-20I/SL - Microchip Technology.

PCN Packaging



[Label and Packing Changes 23/Sep/2015.pdf](#)



[Packing Changes 10/Oct/2016.pdf](#)

HTML Datasheet

PCN Design/Specification

Copper Bond Wire 5/Nov/2015.pdf



















Copper Bond Wire 09/Mar/2015.pdf

PCN Assembly/Origin

2.73KHz.pdf

Customers Also Interested in

Recommended Products

 PIC16C54-10/P Microchip Technology IC MCU 8BIT 768B OTP 18DIP	 PIC16C505-04I/S MICROCHI	 PIC16C54-HS/P Microchip Technology IC MCU 8BIT 768B OTP 18DIP	 PIC16C54-LPI/P Microchip Technology IC MCU 8BIT 768B OTP 18DIP	 PIC16C505-04I/P Microchip Technology IC MCU 8BIT 1.5KB OTP 14DIP	 PIC16C54-LP/P Microchip Technology IC MCU 8BIT 768B OTP 18DIP
 PIC16C505-04I/SL Microchip Technology IC MCU 8BIT 1.5KB OTP 14SOIC	 PIC16C02-ME Micrel / Microchip Technology	 PIC16C505T-20/SL Microchip Technology IC MCU 8BIT 1.5KB OTP 14SOIC	 PIC16C505-04 I	 PIC16C505-04E/SL Microchip Technology IC MCU 8BIT 1.5KB OTP 14SOIC	 PIC16C505-04/SL Microchip Technology IC MCU 8BIT 1.5KB OTP 14SOIC
 PIC16C505T-04I/SL Microchip Technology IC MCU 8BIT 1.5KB OTP 14SOIC	 PIC16C01-ME Micrel / Microchip Technology	 PIC16C54-LPI/SO Microchip Technology IC MCU 8BIT 768B OTP 18SOIC	 PIC16C505T-04I/SL130 Micrel / Microchip Technology	 PIC16C505-04/P Microchip Technology IC MCU 8BIT 1.5KB OTP 14DIP	 PIC16C505-20/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 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
+00852 9146 4856
-  Email
info@alleco.com

Certifications & Memberships



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