



PIC16C74B-20/L

Manufacturer Part Number	PIC16C74B-20/L
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC16C74B-20/L
ECAD Model	PCB Footprint and Symbol
Parts Description	IC MCU 8BIT 7KB OTP 44PLCC
Package	44-LCC (J-Lead)
Data sheet	MPLAB® ICE2000 Spec.pdf Tips N Tricks Guide.pdf PIC16C63A, 65B, 73B, 74B.pdf
RoHS Status	ROHS3 Compliant



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PIC16C74B-20/L - Microchip Technology. New Original in Stock. Download Linear Technology PIC16C74B-20/L datasheet/specifications on AllelcoElec.com.
Request a quote for PIC16C74B-20/L, please send us email: info@allelco.com

Specifications

PIC16C74B-20/L Tech Specifications

PIC16C74B-20/L - 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	44-PLCC (16.59x16.59)	Number of I/O	33
Speed	20MHz	Mounting Type	Surface Mount
Series	PIC® 16C	EEPROM Size	-
RAM Size	192 x 8	Data Converters	A/D 8x8b
Program Memory Type	OTP	Core Size	8-Bit
Program Memory Size	7KB (4K x 14)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	I²C, SPI, UART/USART
Package / Case	44-LCC (J-Lead)	Base Product Number	PIC16C74
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC16C74B-20/L

Product Attribute	NO PICTURE			
Part Number	PIC16C74B-20/L	PIC16C74A-20I/L	PIC16C76-04/SO	PIC16C74A-041/P
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package	Tube	Tube	Tube	Tube
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	44-PLCC (16.59x16.59)	44-PLCC (16.59x16.59)	28-SOIC	40-PDIP
RAM Size	192 x 8	192 x 8	368 x 8	192 x 8
Series	PIC® 16C	PIC® 16C	PIC® 16C	PIC® 16C
Speed	20MHz	20MHz	4MHz	4MHz
Program Memory Type	OTP	OTP	OTP	OTP
Base Product Number	PIC16C74	PIC16C74	PIC16C76	PIC16C74
Voltage - Supply (Vcc/Vdd)	4V ~ 5.5V	4V ~ 6V	4V ~ 6V	4V ~ 6V
Connectivity	I²C, SPI, UART/USART	I²C, SPI, UART/USART	I²C, SPI, UART/USART	I²C, SPI, UART/USART
Number of I/O	33	33	22	33
Package / Case	44-LCC (J-Lead)	44-LCC (J-Lead)	28-SOIC (0.295', 7.50mm Width)	40-DIP (0.600', 15.24mm)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Program Memory Size	7KB (4K x 14)	7KB (4K x 14)	14KB (8K x 14)	7KB (4K x 14)
Data Converters	A/D 8x8b	A/D 8x8b	A/D 5x8b	A/D 8x8b
EEPROM Size	-	-	-	-
Core Processor	PIC	PIC	PIC	PIC
Oscillator Type	External	External	External	External
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Operating Temperature	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)

PIC16C74B-20/L Datasheet PDF

Download PIC16C74B-20/L pdf datasheets and Microchip Technology documentation for PIC16C74B-20/L - Microchip Technology.

Datasheets

[MPLAB® ICE2000 Spec.pdf](#)

[Tips N Tricks Guide.pdf](#)

[PIC16C63A, 65B, 73B, 74B.pdf](#)



















PCN Packaging

PCN Assembly/Origin

Lead Frame 22/Dec/2021.pdf

Customers Also Interested in

Recommended Products

					
PIC16C74A-20I/L Microchip Technology IC MCU 8BIT 7KB OTP 44PLCC	PIC16C76-04/SO Microchip Technology IC MCU 8BIT 14KB OTP 28SOIC	PIC16C74A-04I/P Microchip Technology IC MCU 8BIT 7KB OTP 40DIP	PIC16C74A/JW Microchip Technology IC MCU 8BIT 7KB EPROM/UV 40CDIP	PIC16C74A-20/L Microchip Technology IC MCU 8BIT 7KB OTP 44PLCC	PIC16C76T-04/SO Microchip Technology IC MCU 8BIT 14KB OTP 28SOIC
					
PIC16C765-I/L Microchip Technology IC MCU 8BIT 14KB OTP 44PLCC	PIC16C765-I/PT Microchip Technology IC MCU 8BIT 14KB OTP 44TQFP	PIC16C74A-10/PQ Microchip Technology IC MCU 8BIT 7KB OTP 44MQFP	PIC16C77-04/P Microchip Technology IC MCU 8BIT 14KB OTP 40DIP	PIC16C74B-20I/PT Microchip Technology IC MCU 8BIT 7KB OTP 44TQFP	PIC16C74B-04I/P Microchip Technology IC MCU 8BIT 7KB OTP 40DIP
					
PIC16C74B-20/PQ Microchip Technology IC MCU 8BIT 7KB OTP 44MQFP	PIC16C745/JW Microchip Technology IC MCU 8B 14KB EPROM/UV 28CERDIP	PIC16C74A-04I/L Microchip Technology IC MCU 8BIT 7KB OTP 44PLCC	PIC16C74A-20I/PQ Microchip Technology IC MCU 8BIT 7KB OTP 44MQFP	PIC16C76-04E/SP Microchip Technology IC MCU 8BIT 14KB OTP 28SPDIP	PIC16C76-10/SO Microchip Technology IC MCU 8BIT 14KB 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

Contact us if you have any questions.

	
Phone +00852 9146 4856	Email info@allelco.com

Certifications & Memberships



View More

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong
Phone: +00852 9146 4856
Fax: +00852 3010 8510
Email: info@Allelco.com