



## PIC16C65B-04I/L

Manufacturer Part Number	<b>PIC16C65B-04I/L</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-PIC16C65B-04I/L
ECAD Model	PCB Footprint and Symbol
Parts Description	IC MCU 8BIT 7KB OTP 44PLCC
Package	44-LCC (J-Lead)
Data sheet	<a href="#">MPLAB® ICE2000 Spec.pdf</a> <a href="#">Tips N Tricks Guide.pdf</a> <a href="#">PIC16C63A, 65B, 73B, 74B.pdf</a>
RoHS Status	ROHS3 Compliant



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PIC16C65B-04I/L - Microchip Technology. New Original in Stock. Download Linear Technology PIC16C65B-04I/L datasheet/specifications on AllelcoElec.com.  
Request a quote for PIC16C65B-04I/L, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

PIC16C65B-04I/L Tech Specifications

PIC16C65B-04I/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	-40°C ~ 85°C (TA)
Supplier Device Package	44-PLCC (16.59x16.59)	Number of I/O	33
Speed	4MHz	Mounting Type	Surface Mount
Series	PIC® 16C	EEPROM Size	-
RAM Size	192 x 8	Data Converters	-
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	PIC16C65
Package	Tube		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC16C65B-04I/L

Product Attribute	NO PICTURE			
Part Number	PIC16C65B-04I/L	<a href="#">PIC16C64A-20/PT</a>	<a href="#">PIC16C66-20I/SO</a>	<a href="#">PIC16C66-04/SP</a>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Oscillator Type	External	External	External	External
Series	PIC® 16C	PIC® 16C	PIC® 16C	PIC® 16C
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Package	Tube	Tray	Tube	Tube
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Core Processor	PIC	PIC	PIC	PIC
Base Product Number	PIC16C65	PIC16C64	PIC16C66	PIC16C66
Voltage - Supply (Vcc/Vdd)	4V ~ 5.5V	4V ~ 6V	4V ~ 6V	4V ~ 6V
RAM Size	192 x 8	128 x 8	368 x 8	368 x 8
Speed	4MHz	20MHz	20MHz	4MHz
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
Number of I/O	33	33	22	22
EEPROM Size	-	-	-	-
Operating Temperature	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)
Connectivity	I²C, SPI, UART/USART	I²C, SPI	I²C, SPI, UART/USART	I²C, SPI, UART/USART
Program Memory Type	OTP	OTP	OTP	OTP
Package / Case	44-LCC (J-Lead)	44-TQFP	28-SOIC (0.295", 7.50mm Width)	28-DIP (0.300", 7.62mm)
Data Converters	-	-	-	-
Program Memory Size	7KB (4K x 14)	3.5KB (2K x 14)	14KB (8K x 14)	14KB (8K x 14)
Supplier Device Package	44-PLCC (16.59x16.59)	44-TQFP (10x10)	28-SOIC	28-SPDIP

### PIC16C65B-04I/L Datasheet PDF

Download PIC16C65B-04I/L pdf datasheets and Microchip Technology documentation for PIC16C65B-04I/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

					
<b>PIC16C64A-20/PT</b> Microchip Technology IC MCU 8BIT 3.5KB OTP 44TQFP	<b>PIC16C66-20I/SO</b> Microchip Technology IC MCU 8BIT 14KB OTP 28SOIC	<b>PIC16C66-04/SP</b> Microchip Technology IC MCU 8BIT 14KB OTP 28SPDIP	<b>PIC16C65B-20/PQ</b> Microchip Technology IC MCU 8BIT 7KB OTP 44MQFP	<b>PIC16C65A-04/L</b> Microchip Technology IC MCU 8BIT 7KB OTP 44PLCC	<b>PIC16C65B-04/P</b> Microchip Technology IC MCU 8BIT 7KB OTP 40DIP
					
<b>PIC16C65B-04/L</b> Microchip Technology IC MCU 8BIT 7KB OTP 44PLCC	<b>PIC16C65A-10/PT</b> Microchip Technology IC MCU 8BIT 7KB OTP 44TQFP	<b>PIC16C67-10/L</b> Microchip Technology IC MCU 8BIT 14KB OTP 44PLCC	<b>PIC16C66-10/SO</b> Microchip Technology IC MCU 8BIT 14KB OTP 28SOIC	<b>PIC16C65/JW</b> Micrel / Microchip Technology	<b>PIC16C65B-20I/L</b> Microchip Technology IC MCU 8BIT 7KB OTP 44PLCC
					
<b>PIC16C65-04/P</b> Micrel / Microchip Technology	<b>PIC16C66-04I/SO</b> Microchip Technology IC MCU 8BIT 14KB OTP 28SOIC	<b>PIC16C65B-20/L</b> Microchip Technology IC MCU 8BIT 7KB OTP 44PLCC	<b>PIC16C65A-10I/P</b> Microchip Technology IC MCU 8BIT 7KB OTP 40DIP	<b>PIC16C65A-04I/P</b> Microchip Technology IC MCU 8BIT 7KB OTP 40DIP	<b>PIC16C66-20/SP</b> Microchip Technology IC MCU 8BIT 14KB OTP 28SPDIP

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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