



Image may be representation.  
See specifications for product details.



## BM70BLES1FC2-0B03AA

Manufacturer Part Number	<b>BM70BLES1FC2-0B03AA</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-BM70BLES1FC2-0B03AA
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	RF TXRX MOD BLUETOOTH CHIP SMD
Package	Module
Data sheet	<b>BM70,71 Datasheet.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

BM70BLES1FC2-0B03AA - Microchip Technology. New Original in Stock. Download Linear Technology BM70BLES1FC2-0B03AA datasheet/specifications on AllelcoElec.com. Request a quote for BM70BLES1FC2-0B03AA, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

BM70BLES1FC2-0B03AA Tech Specifications  
BM70BLES1FC2-0B03AA - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Operating Temperature	-40°C ~ 85°C
Voltage - Supply	1.9V ~ 3.6V	Mounting Type	Surface Mount
Utilized IC / Part	-	Modulation	-
Series	-	Memory Size	256kB Flash, 32kB ROM, 24kB SRAM
Serial Interfaces	I <sup>2</sup> C, SPI, UART	Frequency	2.4GHz
Sensitivity	-90dBm	Firmware Version	1.06
RF Family/Standard	Bluetooth	Data Rate	-
Protocol	Bluetooth v5.0	Current - Transmitting	13mA
Power - Output	0dBm	Current - Receiving	13mA
Package / Case	Module	Base Product Number	BM70
Package	Tray	Antenna Type	Integrated, Chip

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology BM70BLES1FC2-0B03AA

Product Attribute				
Part Number	BM70BLES1FC2-0B03AA	ATWINC1500-MR210PA	BM78SPP5MC2-0002AA	BM70BLE01FC2-0002AA
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Base Product Number	BM70	ATWINC1500	BM78	BM70
Data Rate	-	72.2Mbps	-	-
Package / Case	Module	28-SMD Module	Module	Module
Voltage - Supply	1.9V ~ 3.6V	2.7V ~ 3.6V	3.2V ~ 4.3V	1.9V ~ 3.6V
Serial Interfaces	I <sup>2</sup> C, SPI, UART	I <sup>2</sup> C, SPI, UART	I <sup>2</sup> C, UART	I <sup>2</sup> C, SPI, UART
Sensitivity	-90dBm	-98dBm	-92dBm	-90dBm
Utilized IC / Part	-	-	-	-
RF Family/Standard	Bluetooth	WiFi	Bluetooth	Bluetooth
Antenna Type	Integrated, Chip	Integrated, Trace	Integrated, Chip	Antenna Not Included
Current - Receiving	13mA	29mA ~ 68mA	37mA	13mA
Frequency	2.4GHz	2.4GHz	2.4GHz	2.4GHz
Package	Tray	Tray	Tray	Tray
Memory Size	256kB Flash, 32kB ROM, 24kB SRAM	4MB Flash, 128kB ROM, 64kB RAM	4MB Flash, 320kB ROM, 28kB SRAM	256kB Flash, 32kB ROM, 24kB SRAM
Modulation	-	16-QAM, 64-QAM, BPSK, CCK, DBPSK, DQPSK, OFDM, QPSK	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Firmware Version	1.06	19.4.4	1.2	1.03
Power - Output	0dBm	19dBm	10dBm	2dBm
Current - Transmitting	13mA	29mA ~ 230mA	43mA	13mA
Protocol	Bluetooth v5.0	802.11b/g/n	Bluetooth v5.0 Dual Mode	Bluetooth v5.0
Series	-	-	-	-
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-20°C ~ 70°C	-20°C ~ 70°C

### BM70BLES1FC2-0B03AA Datasheet PDF

Download BM70BLES1FC2-0B03AA pdf datasheets and Microchip Technology documentation for BM70BLES1FC2-0B03AA - Microchip Technology.

#### Datasheets








BM70,71 Datasheet.pdf

#### PCN Packaging

PCN Design/Specification

Customers Also Interested in

Recommended Products

					
<b>ATWINC1500-MR210PA</b> Microchip Technology RF TXRX MODULE WIFI TRACE ANT	<b>BM78SPPS5MC2-0002AA</b> Microchip Technology RF TXRX MOD BLUETOOTH CHIP SMD	<b>BM70BLE01FC2-0002AA</b> Microchip Technology RF TXRX MODULE BLUETOOTH 5.0 SMD	<b>BM78SPP05NC2-0002AA</b> Microchip Technology RF TXRX MODULE BLUETOOTH SMD	<b>BM77SPPS3MC2-0007AA</b> Microchip Technology RF TXRX MOD BLUETOOTH CHIP SMD	<b>BM77SPP03MC2</b> ISSC/MI
					
<b>CYBLE-212019-00</b> Infineon Technologies RF TXRX MODULE BT TRC ANT SMD	<b>BM71BLES1FC2-0B04AA</b> Microchip Technology RF TXRX MOD BLUETOOTH CHIP SMD	<b>CYW20733A3KML1G</b> Infineon Technologies MODULE BLUETOOTH 56QFN	<b>BM70BLES1FC2</b> Micrel / Microchip Technology	<b>BM7805</b> BM	<b>CYBLE-012011-00</b> Infineon Technologies RF TXRX MODULE BT TRC ANT SMD
					
<b>BM77SPP03MC2-0006AA</b> MIC	<b>SPBTLE-RFTR</b> STMicroelectronics RF TXRX MOD BLUETOOTH CHIP SMD	<b>BM78SPPS5MC2-0004AA</b> Microchip Technology RF TXRX MOD BLUETOOTH CHIP SMD	<b>BM78L05</b> BL	<b>BM7805A</b> BM	<b>RN131G-I/RM</b> Microchip Technology RF TXRX MOD WIFI CHIP + U.FL SMD

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



View More

Contact us

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