



LSI BMD341 Bluetooth Radio Module User Manual

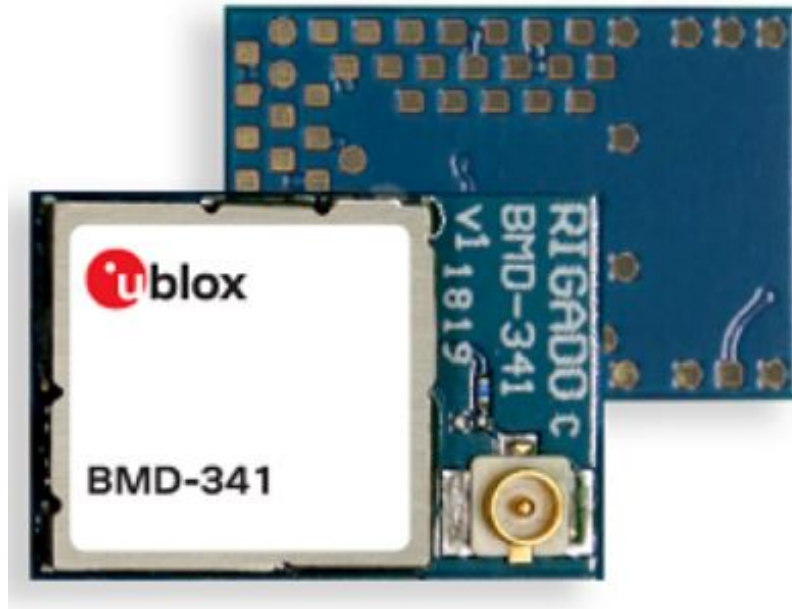
[Home](#) » [LSI](#) » LSI BMD341 Bluetooth Radio Module User Manual 

Contents

- [1 LSI BMD341 Bluetooth Radio Module](#)
- [2 Product Usage Instructions](#)
- [3 FCC STATEMENT](#)
- [4 Approved antennas list](#)
- [5 Documents / Resources](#)
 - [5.1 References](#)



LSI BMD341 Bluetooth Radio Module



Product Information

Product Name: 775345 ALBCS

Manufacturer: LSI Industries Inc

Address: 10000 Alliance Rd. Cincinnati, OH 45242

Website: www.lsicorp.com

Contact Number: 1.800.436.4800 (option 4)

Product Usage Instructions

1. Reorient or relocate the receiving antenna to improve reception.
2. Increase the separation between the equipment and receiver for better performance.
3. Connect the equipment into an outlet on a different circuit than the receiver.
4. If you need assistance, consult the dealer or an experienced radio/TV technician.
5. To comply with FCC's RF radiation exposure requirements, follow these guidelines:
 - Install the antenna(s) used for this transmitter in a way that maintains a minimum separation distance of 20 cm between the radiating element (antenna) and any user or bystander at all times.
 - The antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

Assembly Instructions

1. Assemble the PCB assembly into the housing as shown in the provided diagram.
2. Apply the label onto the housing as shown in the provided diagram.

775345 ALBCS User Manual
REV 062923

FCC STATEMENT

WARNING: The Federal Communications Commission warns that changes or modifications of the radio module

within this device not expressly approved by LSI Industries Inc. could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

RF EXPOSURE CONSIDERATIONS:

To comply with FCC's RF radiation exposure requirements, the antenna(s) used for this transmitter must be installed such that a minimum separation distance of 20 cm is maintained between the radiating element (antenna) & any user's or bystander at all times and must not be co-located or operating in conjunction with any other antenna or transmitter.

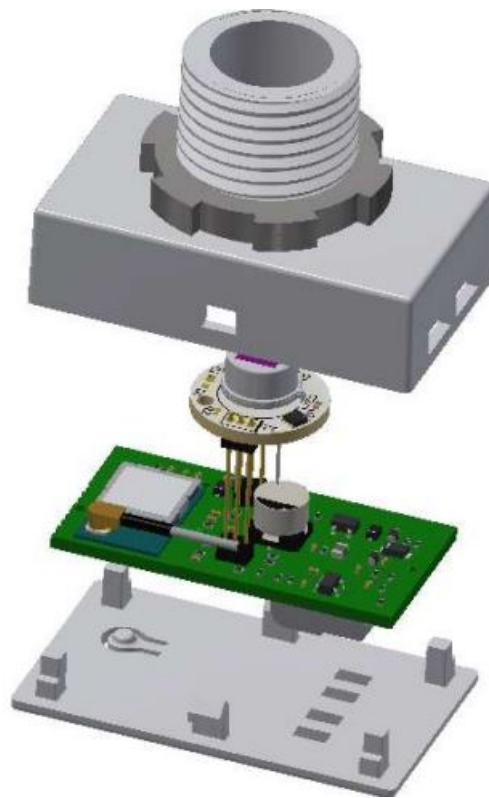
Approved antennas list

Manufacturer	Antenna	Description	Type	Peak Gain (dBi)	Min Cable loss (dB)	Ω	Connector Type	Notes
IPEX	8-22-0160	Monopole	Monopole	-2.5	0	50	MHF I	1
Pulse	W1030	1/4 Wave Dipole – Whip	Dipole	2	0	50	RPSMA	2
Taoglas	FXP73.07.0100A	1/4 Wave Dipole – Flex	Dipole	2.5	0	50	MHF I	2
Pulse	W1027	1/4 Wave Dipole – Whip	Dipole	3.2	0	50	RPSMA	2
Kinsun	6670113050-145	1/4 Wave Dipole – PCB	Dipole	2.0	0	50	MHF I	2

Notes:

1. Antenna was tested for compliance.
2. Copied from pre-approved Antenna List FCCID: XPYBMD341

Assemble CB assembly into housing as shown.




Apply label onto housing as shown.



LSI Industries Inc, 10000 Alliance Rd. Cincinnati, OH 45242 www.lsicorp.com 1.800.436.4800 option

Documents / Resources

	<p>LSI BMD341 Bluetooth Radio Module [pdf] User Manual 2AWNNBMD341, 2AWNNBMD341, BMD341 Bluetooth Radio Module, BMD341, Bluetooth Module, Radio Module, Module, BMD341 Radio Module, Bluetooth Radio Module</p>
---	---

References

-  [Leading Manufacturer of LED Lighting, Outdoor Lighting, Indoor Lighting and Commercial Lighting Solutions - LSI Industries](#)