

Thread/ZigBee/BLE Radio

External Photos

Creation Date: May 30, 2023

Revision #: 1.0

Revision Date: May 30, 2023

Document Status: Preliminary

Project:

TABLE OF CONTENTS

1. REVISION HISTORY3

2. THREAD/ZIGBEE/BLE RADIO3

2.1 THREAD/ZIGBEE/BLE RADIO – TOP VIEW4

2.2 THREAD/ZIGBEE/BLE RADIO – BOTTOM VIEW5

2.3 THREAD/ZIGBEE/BLE RADIO PCBA BRD4003A/B – TOP VIEW.....6

2.4 THREAD/ZIGBEE/BLE RADIO PCBA BRD4003A/B – BOTTOM VIEW7

2.5 BRD4001 CONTROLLER – TOP VIEW8

2.6 BRD4001 CONTROLLER – BOTTOM VIEW9

2.7 ASSEMBLED TESTING UNIT10

1. Revision History

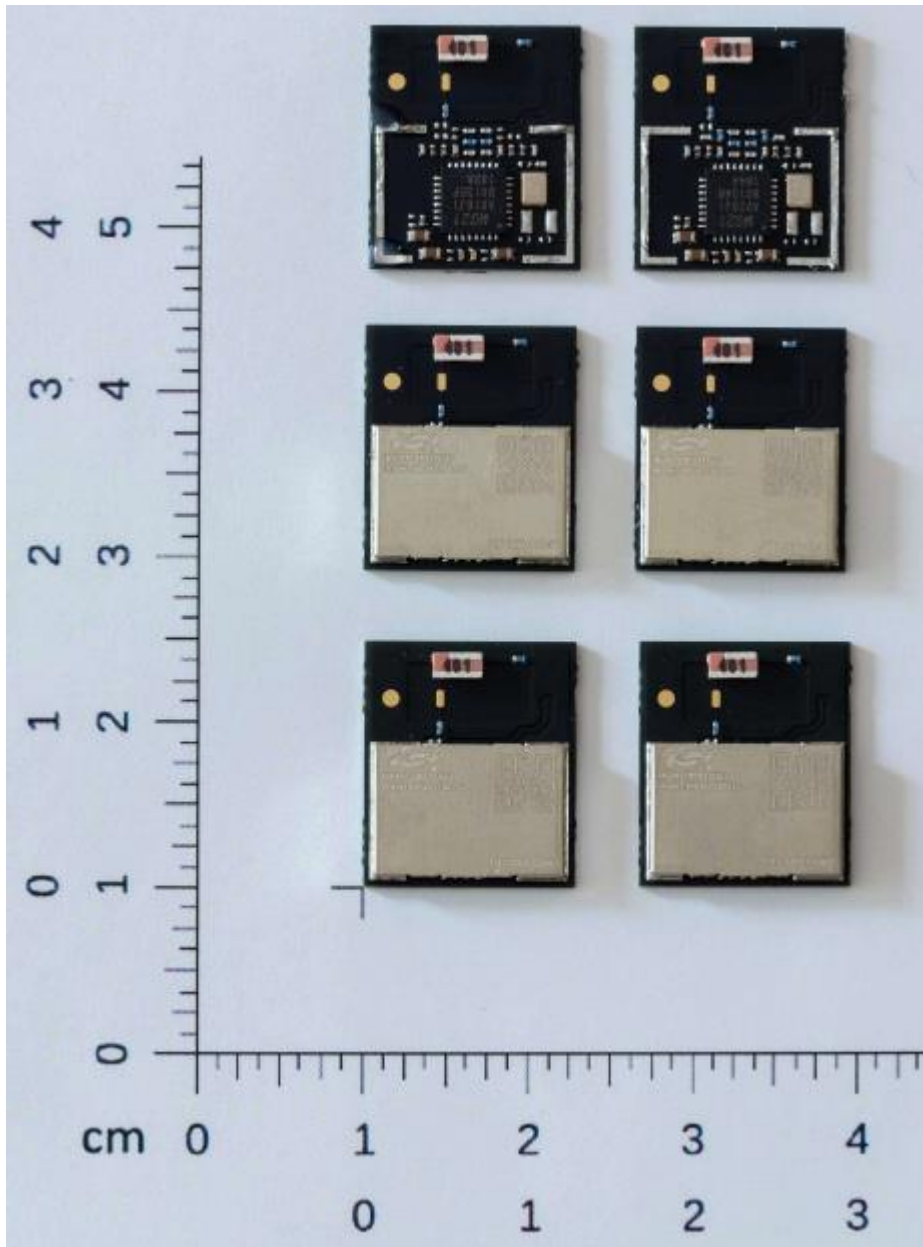
Revision	Date	Author(s)	Comments
1.0	5/30/23	Dan Cedrone	Initial version preliminary release

2. Thread/ZigBee/BLE Radio

FCC ID 2BAL9YDITRZB
IC ID 30221 -YDITRZB
HVIN YDI210P22, YDI210P32

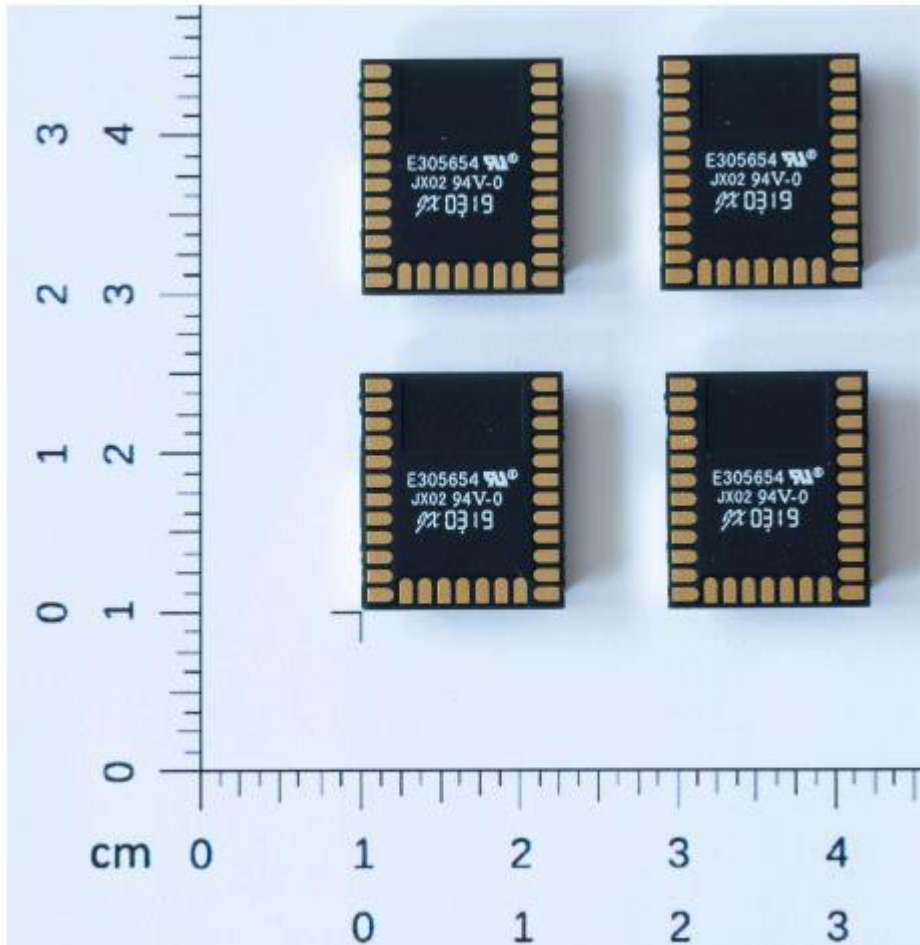
2.1 Thread/Zigbee/BLE Radio – Top View

Top view of radio modules. Left column YDI210P22, 10dbm power. Right column YDI210P32, 20dbm power.



2.2 Thread/Zigbee/BLE Radio – Bottom View

Bottom view of radio modules. Left column YDI210P22, 10dbm power. Right column YDI210P32, 20dbm power.



2.3 Thread/Zigbee/BLE Radio PCBA BRD4003A/B – Top View

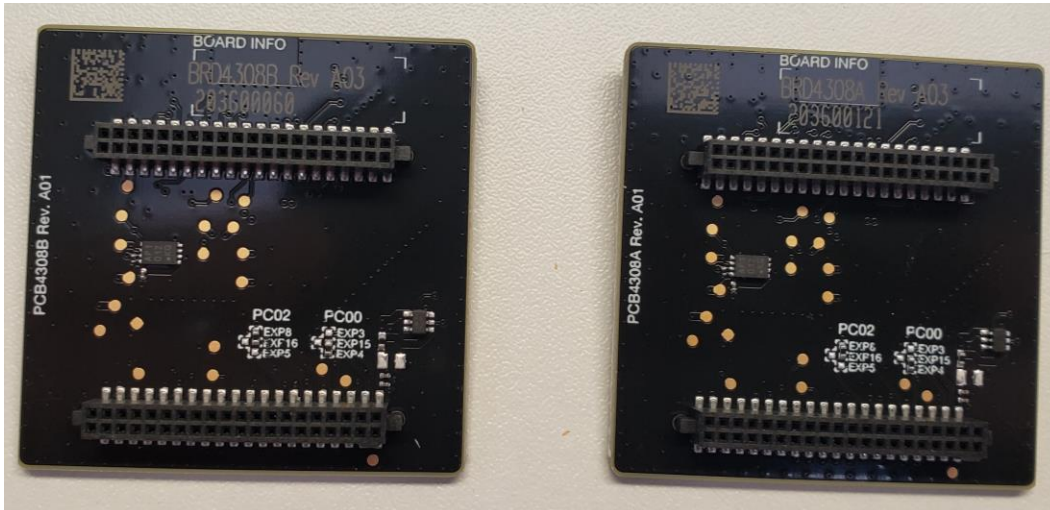
The BRD4003A/B are PCBs that mount the Radio for testing purposes.

Top view of radio modules PCBA. Left YDI210P22, 10dbm power. Right YDI210P32, 20dbm power.



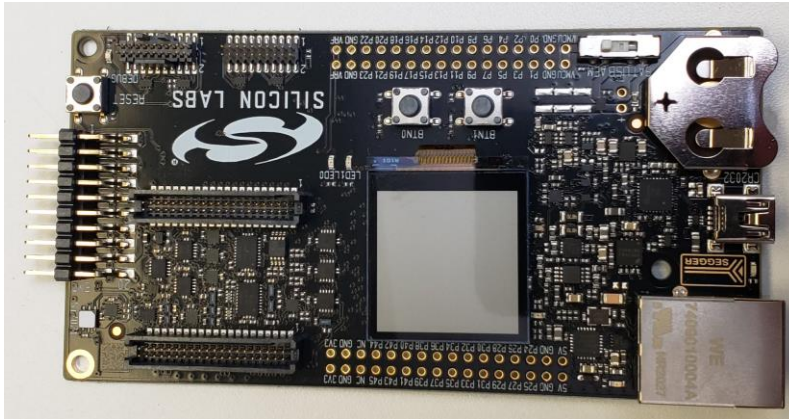
2.4 Thread/Zigbee/BLE Radio PCBA BRD4003A/B – Bottom View

Bottom view of radio modules PCBA. Left YDI210P22, 10dbm power. Right YDI210P32, 20dbm power.



2.5 BRD4001 Controller – Top View

The BRD4001 provides testing access to the BRD4001A/B PCBAs for testing purposes.



2.6 BRD4001 Controller – Bottom View



2.7 Assembled Testing Unit

This is the assembly test setup with the BRD4001A or BRD4001B inserted into the BRD4003. The FPC antenna to be certified attached to the BRD4003.

