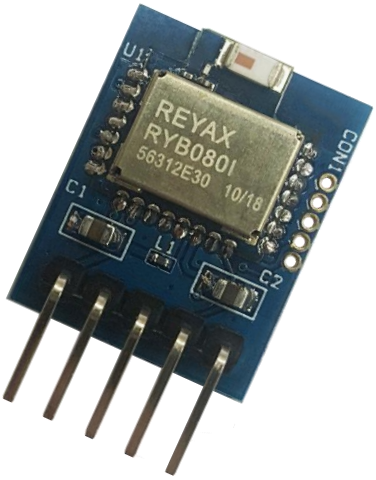
REYAX
TECHNOLOGY CORPORATION, LTD

RYB080I_lite

2.4GHz BLE 4.2 & 5.0 Module breakout board

Datasheet

5



Represented by:

first FC components

FIRST Components srl Via Cavour 69, 21020 Buguggiate (VA)

T. +39 0332 1888005 web: www.first-components.com

PRODUCT DESCRIPTION

The RYB080I_lite is based on REYAX RYB080I, RYB080I_lite integrated power and pins, it is designed for BLE applications, Developers can use a simple AT command MCU then connectivity products to the BLE device and smartphone.

APPROVED CERTIFICATIONS

- FCC CFR47 Part 15 (US)
- NCC (Taiwan)
- MIC (Japan)

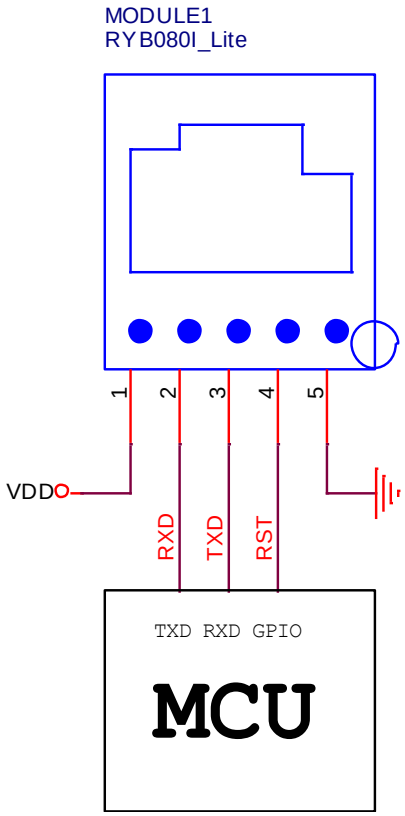
SPECIFICATION

Item	Min.	Typical	Max.	Unit	Condition
Operation Voltage	1.8		3.8	V	VDD
Digital I/O Voltage		3.3		V	RST, TXD, RXD
Baud Rate		9600	115200	bps	
Operating Temperature	-40	25	+85	˚C	
Antenna					Embedded PCB Antenna
Dimensions					
Weight		5		g	

*Detailed specifications please refer to RYB080I

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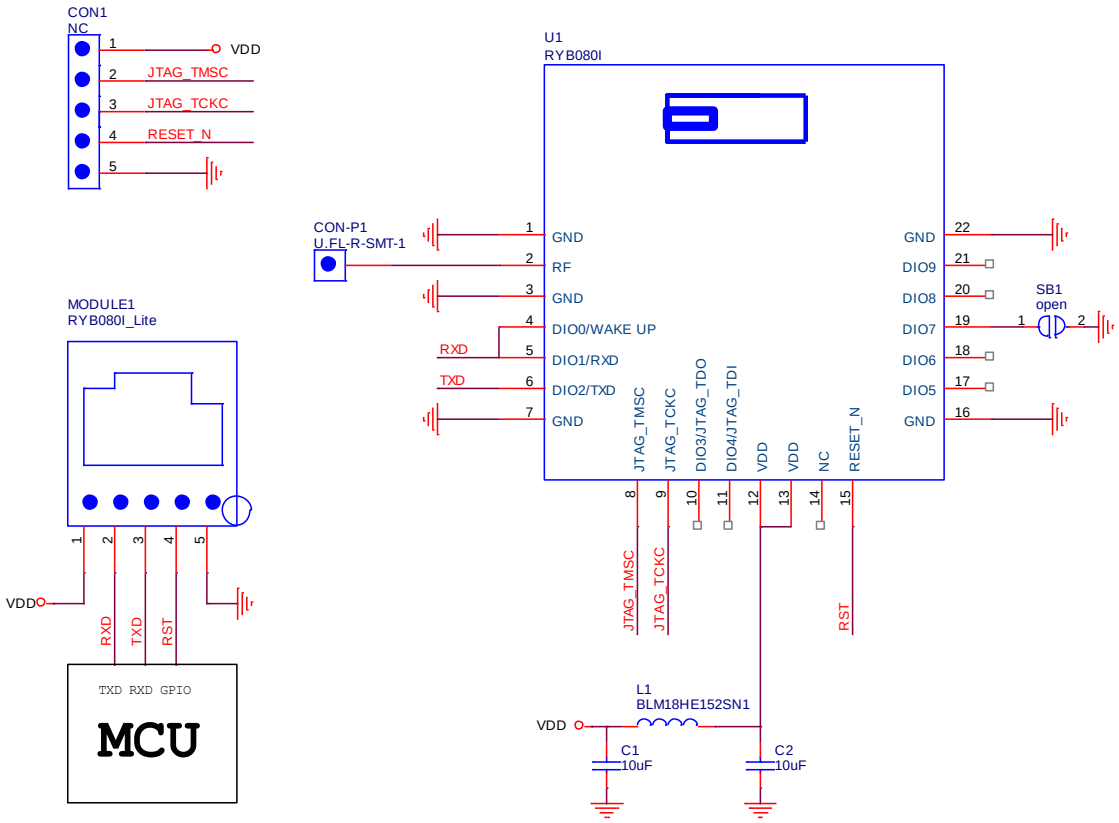
PIN DESCRIPTION



Pin	Name	I/O	Condition
1	VDD	I	Power Supply
2	RXD	I	UART Data Input
3	TXD	O	UART Data Output
4	RST	I	Low Reset
5	GND	-	Ground

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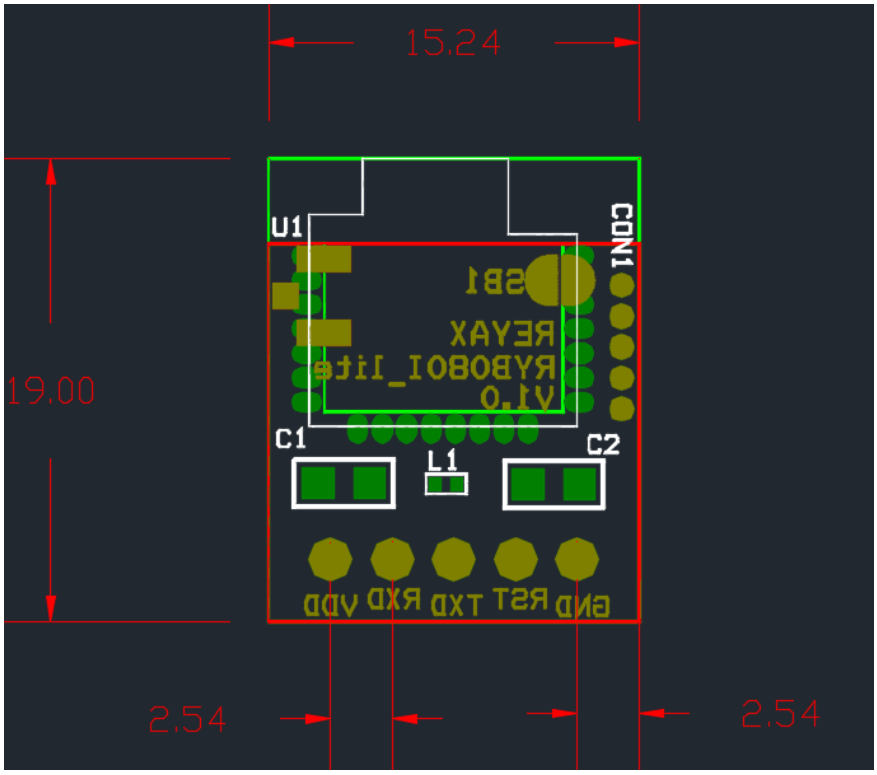
RYB080I_Lite SCHEMATIC



Title	REYAX RYB080I_lite		
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DIMENSIONS



Unit : mm

PCB Thickness : 1mm

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