

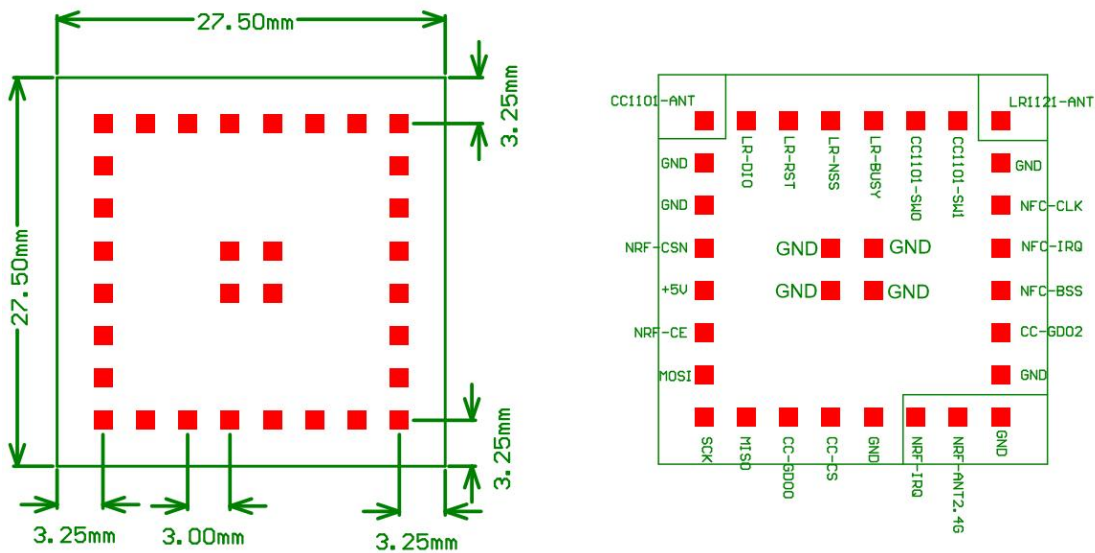
1. Product Overview

The T-MixRF V1.1 wireless transceiver module is designed with a dedicated RF chipset, integrating multiple ICs including LR1121, ST25R3916B-AQWT, NRF24L01P-R, and CC1101.

2. Key Features

- Operating Voltage: 4.2–5.5V
- Frequency Range: 300–2450MHz
- Transmit Current: <120mA
- Operating Temperature: -20°C to +70°C

3. Pin Definition & Dimensions

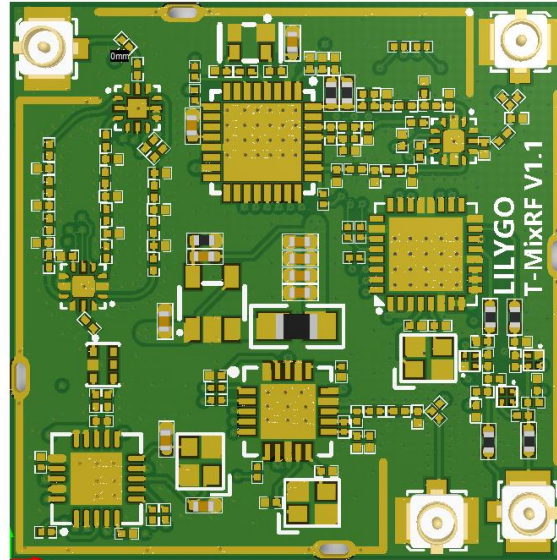


4.RF Description

CC1101Frequency Band Switching Guide

CC1101-SW0	CC1101-SW1	315MHz	868/915MHz	434MHz
1	0	switch on	-	-
0	1	-	switch on	-
1	1	-	-	switch on

CC1101 RF
band limits:150MHz-915MHz
Transmit Power: +8dBm



LR1121 RF
band limits: 150MHz-2400MHz
Transmit Power:+20dBm

NRF24L01P-R RF
band limits:2.4GHz
Transmit Power: <0dBm

NFC