

## **Circuit Description**

The transmission data modulated the MCU (RT3070) which gets a digital modulation then passing through the MCU, working with 40MHz crystal for producing a signal to the RF module circuit carrying wave amplified by the amplifier and filter circuit unit, through the antenna then transmit out as 2412MHz to 2462MHz

1. The RT3070-QFN combines Ralink's 802.11b/g draft compliant 1T1R AC/BBP/2.4G ISM band Transceiver , An 40MHZ crystal U5 for CPU`S reference frequency
2. Tine frequency is a multiplied frequency to produce a extract HF signal.
3. RF module is used for producing digital modulation DSSS type.