

## **Circuit Description**

The transmission data modulated the MCU(RT3072) 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. MCU is the main functional control center, working with 40MHz crystal, deal with function control and other atate indication.
3. Tine frequency is a multiplied frequency to produce a extract HF signal.
3. RF module is used for producing digital modulation DSSS type.
4. To link the external wireless terminal device via the two antenna as a 2.4G wireless USB adapter
5. The work voltage is DC 5V, convert to 3.3VDC and 1.5VDC throught the power IC-U12(CAT7117).