

## **VC-3010X Operational Circuit Description**

### **In Tx:**

The PD2 pin of the HT6612 is the Tx output signal. When the user presses the any ID key, the PD2 pin will be output corresponding code. This code will be mix with 433MHz carrier in Q8 transistor. After the signal will across the Q9 to amplifier and emission by antenna.

### **In Rx:**

The signal code will be received from the antenna. This signal will be enter to O-Amp to amplifier and go to NT66P20 MCU's PA0. In the PA0 of the MCU , the receiving signal will be decoding. After the decoding of Rx, The unit will be sound-on under the signal in suitable.

### **VCC and Ground**

AA A battery x 4pcs are the power supply for the transmitter only. CR2032 x 1pcs is use for receiver.