

## **RR1X Circuit Description**

The RR1X is an OOK mode of receiving and transmitting device. It includes a high-performance ASK/OOK wireless transmitter (PTC 4450) that to receive ASK/OOK and IC (SYN460), send antenna and 433MHz, a MCU (M054), power supply and so on.

Workflow: Receiving antenna sends the received antenna signal of ASK/OOK to receiving IC (SYN460) to decode first, and then transfers it to MCU (M054), which will transform the received signal to ASK/OOK mode and send it via 433 MHz high-performance ASK/OOK wireless emitter (PTC4450) and antenna.