

1. Technical description:

Description	Function	component
Antenna	Receiver modulation RF signal	ANT
Low Pass Filter	Suppression of spurious emissions	Z1, Z2、Z3
Oscillator	Generate6.7458MHzcarrier	Y1.
Encode IC	Generate code signal to modulator	U1 (SYN470R)
High Pass Filter	Suppression of spurious emissions	C7, C10

2. Working principle:

When the receiving module receive the modulated 433.92MHz signal, the CPU decodes the modulated signal to get the button code. Next, the CPU process the button code and then control the related I/O ports. At the same time, it triggers the display driver IC to display the current working status.