1. Technical Description

Description	Function	component
Antenna	Transmit modulation RF signal	ANT
Low Pass Filter	Suppression of spurious emissions	L4.C7
Oscillator	Generate13.560MHzcarrier	Y1.C14.C13
Encode IC	Generate code signal to modulator	U1
High Pass Filter	Suppression of spurious emissions	C5

2. Working principle:

When pressing any button on the remote, the CPU encodes the button code and trigger the emission module into working status, crystal oscillator Y1 together with capacitor generate oscillation, the modulated signal is emitted by frequency 433.92MHz. At the same time, the CPU triggers the display driver IC to display the working status on the LCD monitor.