

Circuit Description

Description	Function	Component
Antenna	Receive modulate RF signal	Z1 Antenna
Low Pass Filter	Suppression of spurious emissions	C150, C151, L2, L3
RF Power Amplifier	amplify the modulated RF signal	U4
RF signal Demodulation	Demodulation RF signal	U5
Oscillator	Generate 13.52127 MHz carrier	Y4
Speaker Amplifier	Amplify the audio	U3
Sound IC	Bring various sound	U2
MCU	Manage internal data transfer	U1
Display	LCD screen	J4
DC to DC IC	Regulate 12Vdc to 5Vdc	U6

Type of Antenna: Integral antenna was used.