

## Circuit Description

Description	Function	Component
Antenna	Transmit modulation RF signal	ANT1
Low Pass Filter	Suppression of spurious emissions	C148, C150, C151, L2
RF Power Amplifier and Modulation	Modulate the carrier and amplify the modulated RF signal	U5
Oscillator	Generate 13.56 MHz carrier	Y4
DC to DC IC	Regulate 9Vdc to 3.3Vdc	U19
MCU	Generate code signal to modulator	U2

Type of Antenna: Integral antenna was used.