

Antenna Design:

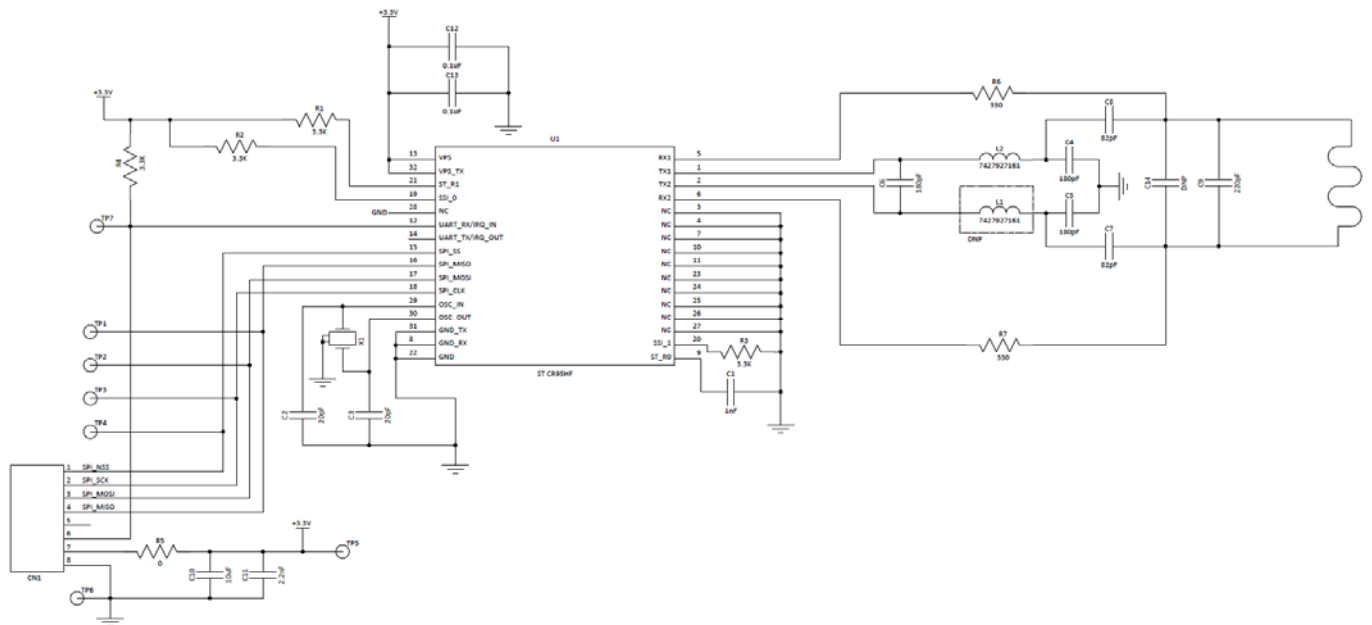
Antenna used is a PCB coil antenna with 0dB Gain.

Geometry		
Turns	4	
Antenna Length	0.570	inches
Antenna Width	0.604	inches
Number of layers	1	

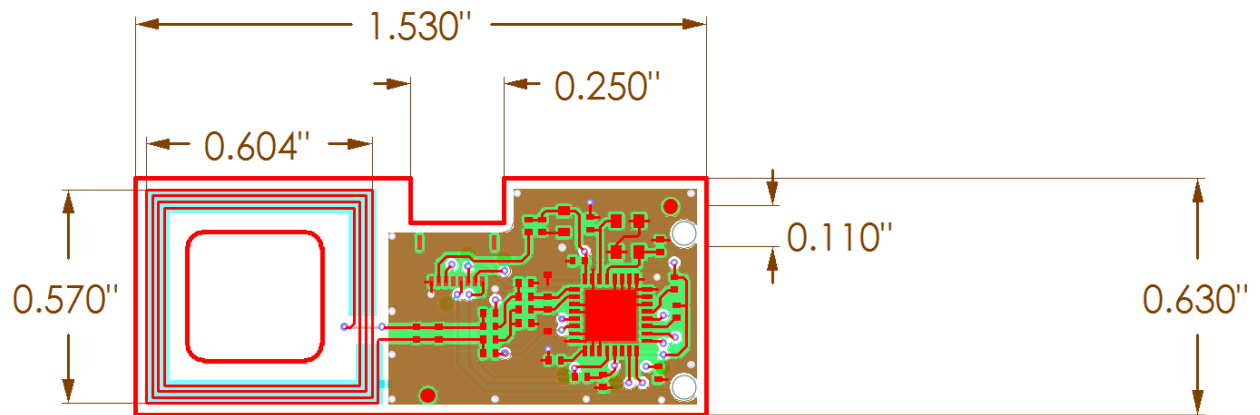
FCC 15.203 Compliance:

The antenna is permanently attached (PCB, see Board Layout) with no provision for attaching an alternate antenna. The vertical distance between the Reader antenna and Tag antenna is constrained to 0.350" + 0.050" within the mechanical design of the device.

RFID Reader Schematic

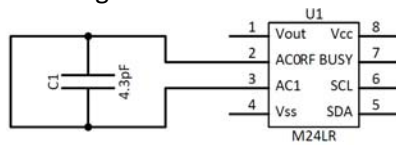


RFID Reader Board Layout



RFID Tag information

RFID Tag Schematic



RFID Tag Board Layout

