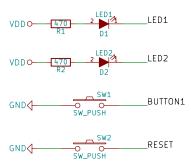
## RuuviTag

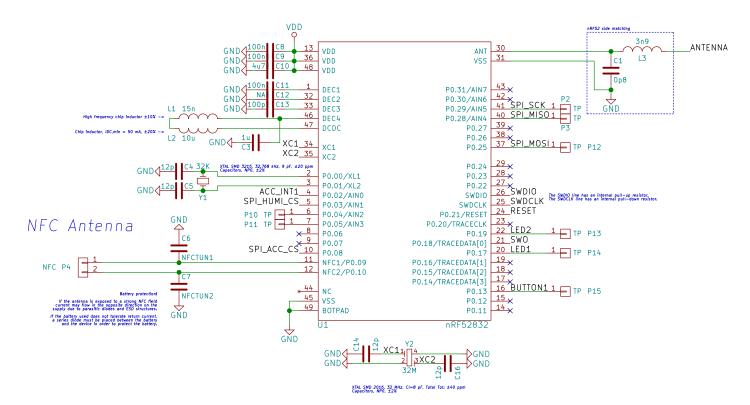
### Open Source Bluetooth Smart Sensor Beacon

http://ruuvi.com

### Bluetooth Smart SoC

### LEDs & Buttons





### Pressure + Humidity + Temperature

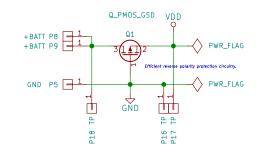


### Antenna ANTENNA\_ Shunt capacitor or inductor. For convenience, a shunt capacitor is preferred A shunt can be removed without changing the rest of the circuit and a capacitor is cheaper than an inductor.

# Nordic Semiconductor's 1/4 wavelength monopole antenna design guide states: when implementing, the monopole as a trace on the PCB, the length of the trace should be extended somewhat to allow for some fine—tuning of the antenna to the properties of the properties

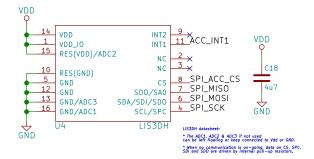
If it is not possible to get the impedance exactly 50 ohm by adjusting the length of the antenna, a component must be used to pull the impedance to the 50 ohm point, it is preferable to use a shunt capacitor since a capacitor is cheaper than an inductor and because a shunt component can be removed without any impact.

### Power Source



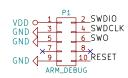
Supply voltage: 1V7 - 3V6 Absolute maximum: 3V6

### Accelerometer





### Debug In



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