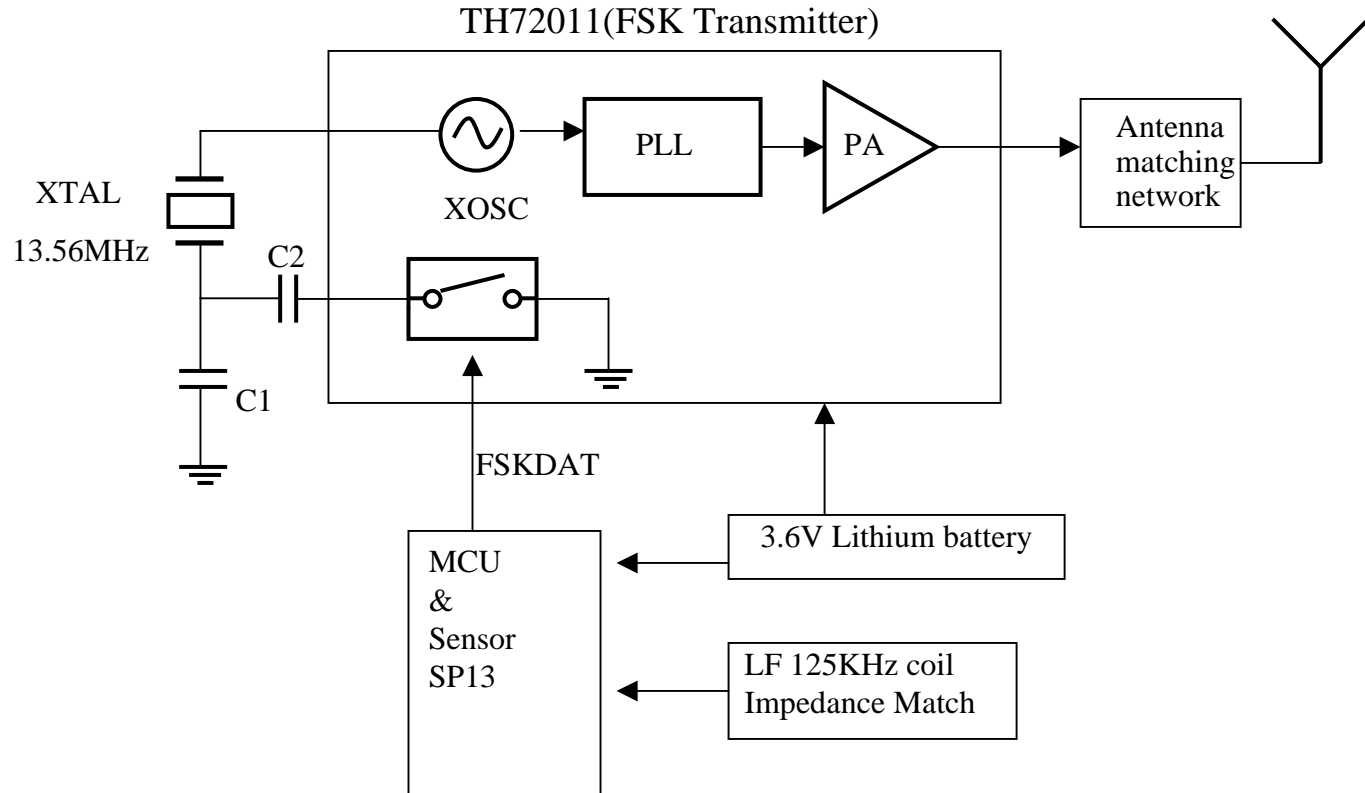


Transmitter Block Diagrams



Description of operational

When the wheel sensor installs in the tire, MCU(SP13) transmits data about pressure and temperature to FSK transmitter (IC TH71102).The data(FSKDAT) will change frequency of Colpitts crystal oscillator(XOSC) which is used as the reference oscillator of a phase-locked loop(PLL) synthesizer. Then the modulated signal feeds the power amplifier(PA). At least signal transmits by antenna.