

APPLICANT: Silcon InnoProducts Ltd.
FCC ID: QUQSILEX201TR

Operational Circuit Description

The circuit of the remote sensor consists of an encoder IC, LED to indicate the data transmission, data input to the RF part and the RF transmitter. The data input to the transmitter will be modulated with the 433.92MHz frequency and amplified by the C1674Y high frequency amplifier transistor and transmit via the antenna. Data channel will be selected either without any switch (to select channel 1) or with a slide switch to select channels 2 and 3.

Power Supply and Ground:

Power is supplied by 3 AAA batteries. Encoder part use 3V and the transmitter part use 4.5V. Both the encoder IC and the transmitter use same ground but not connected to any external ground, and the printed circuit board traces are the only grounds available in this unit.

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