

## Circuit Description

### Remote

The remote obtains power from a 9V alkaline battery. It utilizes a MCU, a RF transmission module and an antenna of ~50.5mm in length to transmit operation commands to the game caller in the 418MHz band. The MCU detects key entry and sends encoded data in serial form to the RF transmission module. The RF module modulates the data in 418MHz ASK format and delivers it to the antenna.

There is a LCD panel to indicate the operating status of the remote.