

## Circuit Operation Description for “Fitness Long Jump”

This product is a transmitter for Fitness Long Jump. It operates at 27.145MHz and the oscillation of radio control is generated by a crystal. The transmitter is powered by 2 x 1.5V AAA size batteries. There is an ON/OFF switch on the EUT. When the transmitter is shaken by the user, it will transmit radio signal to the receiver.

U1, Y2 and associated circuit act as an encoder.

Y1, Q2 and associated circuit act as an oscillator.

Q1 and associated circuit act as a RF amplifier.