

## Operation Description for KG Flyer (27 MHz Transmitter)

The KG Flyer (27 MHz) is powered by a 9V battery. There is a joystick in front of the transmitter. When the joystick is pushed up or down, it will transmit a radio frequency for the receiver to go forward or backward. When the joystick is turned left or right, it will transmit a radio frequency for the receiver to turn left or right.

Referring to the transmitter circuit design, the circuit description is listed below:

- Y1, Q1 and associate circuit act as Oscillator
- Q3 and associate circuit act as amplifier.
- U1 and associate circuit act as encoder.
- Q2, Z1 and associate circuit act as voltage control.