

## **Operation Description for VEX Plorer**

The VEX Plorer is powered by 1 x 9V size battery. The radio frequency channel is 27.145MHz and it has two control sticks in the EUT. When the trigger is pressed once, it will transmit different radio control signal to receiver.

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

- U1 and associated circuit act as encoder.
- Y1, Q1 and associated circuit act as oscillator.
- Q2, Q3 and associated circuit act as RF amplify.