

## Operation Description for Micro Slider

The Micro Slider is transmitter that operating at 49.860Mhz and powered by 1 x 9V side battery. There are six buttons and one on/off switch on the front of body. When the A~D button is pressed once, it will transmit a radio frequency signal for receiver go forward and backward or turn left and right. When the E~F button is pressed once, it will transmit a radio frequency for receiver slider sideways running.

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

- U1 and associated circuit act as encoder.
- Q3 and associated circuit act as power control.
- Q1, X1 and associated circuit act as oscillator.
- Q2 and associated circuit act as amplifier.