

## **Operation Description of transmitter for 1/64 R/C Car 27MHz**

The 1/64 R/C Car 27MHz is a transmitter operating at 27.0 MHz which is controlled by a crystal. It is powered by 1.5V x 2pcs of “AA” size battery. There are four buttons in the front of the transmitter. When the forward or backward button pressed once, it will transmit a radio frequency for receiver going forward or backward. When the left or right button pressed once, it will transmit a radio frequency for receiver turn left or right.

Refer to the circuit design, the circuit description is listed as follows:

- Q1, X1 and associated circuit act as oscillator
- Q2 and associated circuit act as amplifier
- TX2 and associated circuit act as encode
- R3 and associated circuit act as oscillator for TX2