

## Operation Description

### **R/C Micro Hauler Charger (27MHz)**

The R/C Micro Hauler Charger (27MHz) is powered by 9V battery and operated at 27.145MHz which controlled by crystal. There are two-control key in the front of the transmitter. When the speed control key pressed once, it will transmit a radio frequency for receiver going forward or backward. When the steering wheel turned once, it will transmit a radio frequency for receiver turn left or right.

Refer to the transmitter circuit design, the circuit description is listed as below:

- U1 and associate circuit act as encoder.
- D2 and associate circuit act as voltage regulator.
- Q4 and associate circuit act as amplifier.
- Q1, Q2 and associate circuit act as voltage control.
- Q3, X1 and associate circuit act as Oscillator.
- LED2 - LED5 and associate circuit act as LED L/R/B/F.