

## Operation Description

### 17039 (49M) Super Roadster

The transmitter operates at 49.860MHz, which is controlled by a crystal. It is powered by 9V battery. There are two-control key on the transmitter. When the forward control trigger is pushed/pulled once, a radio frequency will be transmitted for the receiver for going forward/backward. When the direction control trigger is pushed the left/right once, a radio frequency will be transmitted for the receiver for going left/right.

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

- IC1 and associate circuit act as encoder
- Q1 and TX1 and associate circuit act as oscillator
- Q2 and associate circuit act as amplifier
- D9 and associate circuit act as voltage readjustment