

Operation Description

Rally Champion R/C Car (49M)

The Rally Champion R/C Car operated at 49.860 MHz which is controlled by crystal. It is powered by 1.5V x 8pcs of “AA” size battery. There are two-control key in the front of the transmitter, when the speed control trigger 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:

- Q3, T1 and associate circuit act as oscillator.
- U1 and associate circuit act as encoder.
- Q4 and associate circuit act as amplifier.
- Z1 and associate circuit act as voltage regulator.