

Operation Description of Receiver for 1:64 R/C Car

The 1:64 R/C Car is a super regenerative receiver which operating at 49.860 MHz and control by a LRC circuit. It is power by 1 X 1.2V Rechargeable batteries. When it received a forward or backward signal, it will go forward or backward. When received left or right signal, it will turn left or turn right.

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

- Q7 and associated circuit act as super regenerative
- U1 and associated circuit act as encoder
- Q1, Q2, Q8, Q9 and associated circuit act as M2 Motor control
- Q3, Q4, Q5, Q6, and associated circuit act as M1 Motor control