

Operation Description

The Lightride ATV is a transmitter, operation at 27.145MHz which is controlled by LRC circuit. The Lightride ATV is powered by 9V battery. There a single button in the front of Lightride ATV. When the button pressed once, it will transmit a radio frequency for receiver going for ward.

The brief circuit description is listed as follows:

Q2, Q4 and associated circuit act as encoder

Q3, L4 and associated circuit act as oscillator

Q1 and associated circuit act as radio frequency amplify