

Operation Description

12249 27MHz R/C Cross Country ATV

The transmitter operates at 27.145MHz, which is controlled by a crystal. It is powered by 9V battery and it has two-control key on the transmitter. When the forward or backward control trigger is pushed / pulled once, a radio frequency will be transmitted for the receiver for going forward/backward. When the steering wheel is turned 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:

- U1 and associate circuit act as encoder
- Q2 and X1 and associate circuit act as oscillator
- Q1 and associate circuit act as amplifier