

General Circuit Description

The Equipment Under Test (EUT) is a Super-regenerative Receiver for a remote controlled Toy operating at 49.860 MHz. The EUT is powered by 4*1.5V "AA" batteries. The EUT can be controlled in four moving directions (forward/backward and left/right turn).

The brief circuit description is listed as follows:

- Q1, Q2, U1 and associated circuit act as a RF superregenerative receiver.
- U3 and associated circuit act as a steering motor driver.
- Q6,Q7,Q10,Q11,Q12 and associated circuit act as a racing motor driver.
- U2 and associated circuit act as decode IC.

Antenna Used: Internal, Integral