

Model 2314

CIRCUIT DESCRIPTION

This unit is a 49MHz receiver. Q2 and T1 constructed as a super-regenerated detector. Q1 buffered the RF signal from the antenna and blocked the super-regen. Signal to the antenna. Q3 amplified the detected signal and Q4 triggered the signal to be pulse. IC1 decoded the signal and drive the steering and driving circuit.

ANTENNA & GROUNED

This unit uses a soft wire as an antenna. The antenna is soldered to the PCB and there is no provision for connecting an external antenna.

No ground connection is provided. The only ground used is the ground track on the PCB.