



Echo Toys Ltd.

力圖玩具有限公司

Model No: 60-4306 (49.860MHz)

CIRCUIT DESCRIPTION

In transmit pushing the switch, the transistor Q1 and Q2 output 1KHz signal to modulate the oscillator Q3 which generates the oscillate of 49.860MHz. This oscillator is the transmitter. The antenna is a transformer coupled to the oscillator with the tuning circuit. In receive L1 is tuned on 49.860MHz frequency, Q1 amplify and detect the signal from the antenna. When IC HES3020 receives the 1kHz signal, the pin F & pin B output high level by turns to drive Q2, Q3, Q4, Q5, Q6 & Q7, and make the vehicle go forward or rotate.

ANTENNA AND GROUND CIRCUITRY

This unit makes use of an external flexible 24 centimeters long antenna. The antenna is inductively coupled. The unit relies on the ground tract of the printed circuit board. No external ground is provided. Energy is supply with a 9-volt battery.

總寫字樓及展示室 HEAD OFFICE & SHOWROOM:

香港九龍尖沙咀彌敦道411號7樓

ECHO 1108 HING SHAN CENTRE, 411, 7/F, 411 HING SHAN CENTRE, KOWLOON, HONG KONG TEL: (852) 2721 8888 FAX: (852) 2721 2117

大埔寫字樓 TAI PO OFFICE:

香港新界大埔, 416579A 大埔中心二樓 201號室

TAI PO 416579A TAI PO CENTRE 2/F, 201 UNIT, TAI PO CENTRE, HONG KONG TEL: (852) 3722 8038 FAX: (852) 3722 4000