Echo Toys Ltd.
力圖玩具有限公司

№ 30098

Model No: 60-4314 (27.145MHz)

CIRCUIT DESCRIPTION

In transmitter, press the SW1~SW4, output U1 pin 10 supply working voltage of crystal oscillator, output U1 pin 8 supply encoding signal. Q1 & X1 is a crystal oscillator of 27.145MHz frequency. Q2 is a modulator. Output of Q2 drives the transformer L3. The antenna is coupled to the modulator by the transformer.
In receiver L1 tuning 27.145MHz frequency And Q1 is a RF amplifier and detector stages. U1 is a signal amplifier and decoder, it controls the output of U1 pin6,7 and pin10,11. Q16 is a regulator. Q2,Q3,Q4,Q5,Q6 & Q7 are driving motor driver. Q10,Q11,Q12,Q13,Q14 & Q15 are dumping motor driver.

ANTENNA AND GROUND CIRCUITRY

This unit makes use of an external flexible 17 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 supplied by 4pcs 1.5volt AA battery (6V).

總寫字樓及陳列室 HEAD OFFICE & SHOWROOM:
香港九龍[illegible]道67號[illegible]1108室
ROOM 1108 PENINSULA CENTRE, 67 MODY ROAD, TSIM SHA TSUI EAST, KOWLOON, HONG KONG TEL (852) 2721 8800 FAX (852) 2723 [illegible]

大埔寫字樓 TAI PO OFFICE:
[illegible]
[illegible] TAI PO [illegible] HONG KONG TEL (852) [illegible] FAX (852) [illegible]