



Echo Toys Ltd.

力圖玩具有限公司

Model No: 8903 (27.145MHz)

CIRCUIT DESCRIPTION

In transmitter, move it forward, backward, forward left, backward left, forward right or backward right. Output IC1 pin 10 supply working voltage of crystal oscillator, Output IC1 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. IC1 is a signal amplifier and decoder, it controls the output of IC1 pin6,7 and pin10,11. Q16,Q17 are regulator. Q2,Q3,Q4,Q5,Q6 & Q7 are steering motor driver. Q10,Q11,Q12,Q13,Q14 & Q15 are driving motor driver.

ANTENNA AND GROUND CIRCUITRY

This unit makes use of an internal flexible 57 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 a 9-volt battery.

總寫字樓及陳列室 HEAD OFFICE & SHOWROOM:

香港九龍尖沙咀彌敦道96/97號中環中心1118室

ROOM 1108 PENINSULA CENTRE, 96/97 ABERDEEN ROAD, KOWLOON, HONG KONG

TEL: (852) 2721 5859

FAX: (852) 2723 7117

大埔寫字樓 TAI PO OFFICE:

香港新界大埔汀角路57號大埔中心二樓B6及B7舖位

UNIT A6/B6, 57, TAI PO CENTRE, BLOCK 2, 57 HING FONG ROAD, TAI PO, NEW TERRITORIES

TEL: (852) 2791 1848

FAX: (852) 2663 4258