

## DYNAMIC INDUSTRIES CO LTD

UNIT 2205, 22F, 57, HUNG TO RD.KLN .HONG KONG.

TEL :-852-2389-8230

FAX :-852-2790-5521

ENGINEERING DEPARTMENT

ITEM NO:

MODEL NAME:-

RC STREET LUGE

FREQUENCY :-

27.145 MHZ

DATE :-

11TH MAY 2001

BY:

B.LEE

### (TX CIRCUIT DESCRIPTION )

#### \*\* CIRCUIT DESCRIPTION :- (TX)

WHEN THE UNIT IS TURNED ON A CW SIGNAL IS TRANSMITTED. THE CRYSTAL CONTROLLED OSCILLATOR **Q1** OUTPUT IS COUPLED THROUGH **C6** TO THE BASE OF **Q2**. FROM **Q2** THE SIGNAL IS FED THROUGH **C8** TO THE LOW PASS FILTER MADE UP OF **C8,C10,L3,C11, & L4** WHICH IS CONNECTED TO THE ANTENNA. THE MODULATION IS PROVIDED BY **U1** WHEN ONE OF THE SWITCHES ARE PUSHED. THE UNIT IS POWERED BY A 9.0V BATTERY AND IS SELF CONTAINED.

#### \*\* ANTENNA AND GROUND CIRCUITRY. (TX)

THIS UNIT MAKES USE OF AN EXTENAL 5"ANTENNA. THE ANTENNA IS INDUCTIVELY COUPLED. THIS UNIT IS POWERED FROM A 9.0V BATTERY.

\*\* **NO GROUND** CONNECTION IS PROVIDED. THE UNIT RELIES ON THE GROUND TRACK OF THE PRINTED CIRCUIT BOARD. (PCB)

