+5V

R2

LED1 LED2 LED3 LED4 LED5 LED6

T1

DOUT D7 etc

R1

470

BC337

GND

+5V

R3

LED7

GND

MAKE ONE OF THESE CIRCUITS FOR EACH BEAT THAT YOU WANT TO SHOW.
IF YOUWANT 4 BEATS THEN MAKE 4.
USE AS MANY OR FEW LEDS AS YOU WANT BUT BEWARE OF CURRENT CONSUMPTION.
DOUT CONNECTIONS ARE:

BEAT 1   DOUT SR1 D7
BEAT 2   DOUT SR1 D6
BEAT 3   DOUT SR1 D5
BEAT 4   DOUT SR1 D4
BEAT 5   DOUT SR1 D3
BEAT 6   DOUT SR1 D2
BEAT 7   DOUT SR1 D1
BEAT 8   DOUT SR1 D0

VISUAL METRONOME LED SCHEMATIC