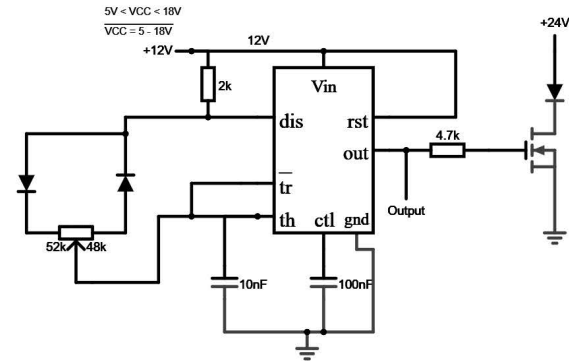
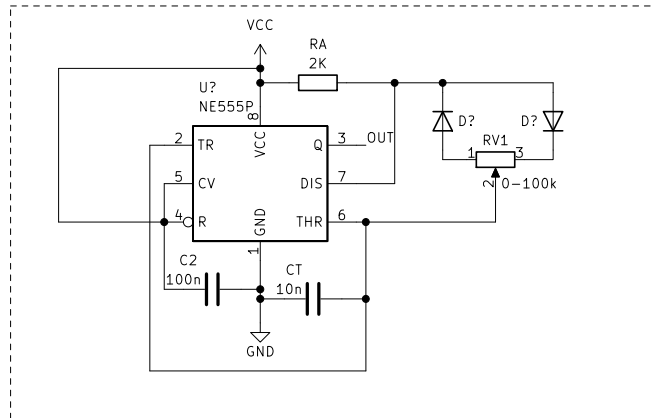


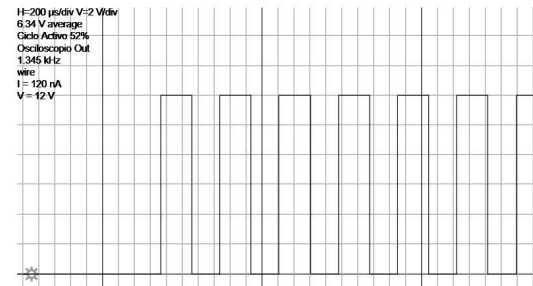
## NE555 Dimmer

PWM with variable duty cycle  
 $V_{CC} = 5-12V$   
 $f(out) = 1kHz$

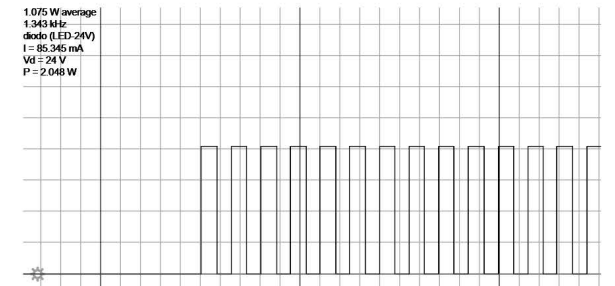


## OUT

H=200  $\mu s/div$  V=2 V/div  
 6.34 V average  
 Cycle Active 52%  
 Oscilloscope Out  
 1.345 kHz  
 wire  
 $I = 120 mA$   
 $V = 12 V$



1.075 W average  
 1.343 kHz  
 diode (LED 24V)  
 $I = 85.345 mA$   
 $V_d = 24 V$   
 $P = 2.048 W$



Notas: