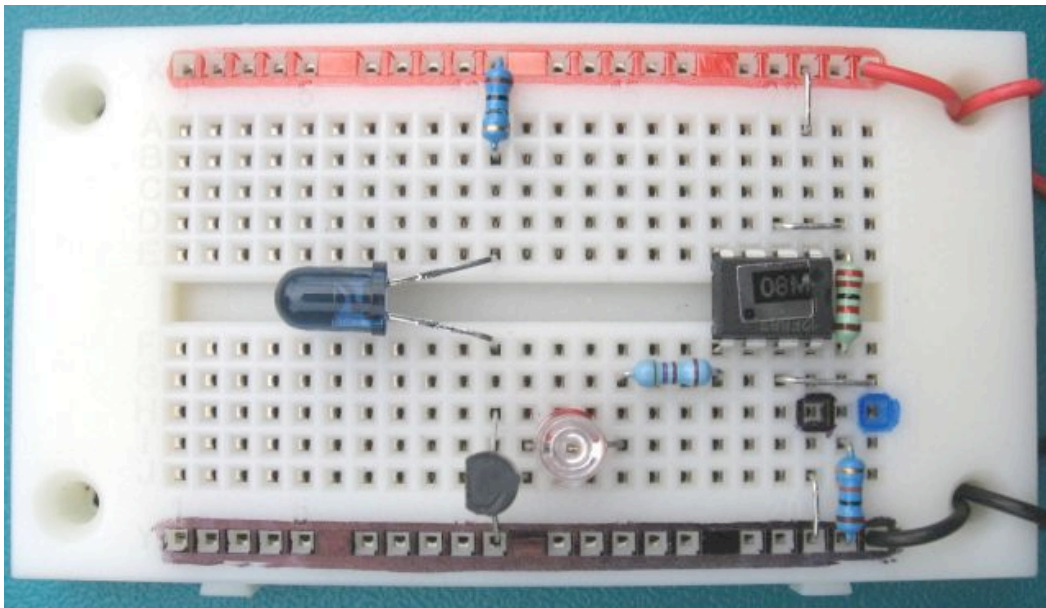
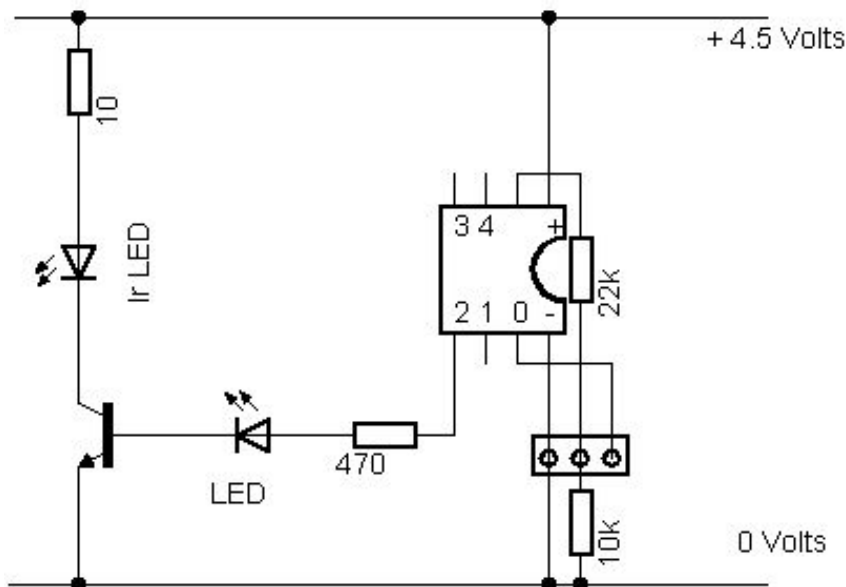


Ird - Tx PWMOut Hi Power Pulse



```
loopa:  
  pwmout 2, 25, 50  
  pause 1  
  pwmout 2, 25, 0  
  wait 1  
  goto loopa
```

'Start PWMOut on pin 2 at 38kHz 25 ~ 38kHz 50 ~ 50% power level
'Allow pwm to run for 1mS (width of Ird pulse)
'Stop PWMOut on pin 2 at 38kHz 25 ~ 38kHz 0 ~ 0% power level



- Pin2 generates a 38kHz square wave with the PWMOut command
- Newer M2 chips allow the use of other output pins for PWMOut
- The width of the pulse could be modulated to represent a variable (temperature etc)
- See the matching Ird Pulsin template command to decode the pulse width
- Base circuit LED is optional but gives good local monitoring
- One or Two Ird LED's may be used in the collector load
- The 10 to 47 ohm current limit resistor is needed to protect the Ird LED
- Check the specifications for the Ird LED to see what the maximum peak current is
- Calculate the average Ird LED current given 50% duty cycle