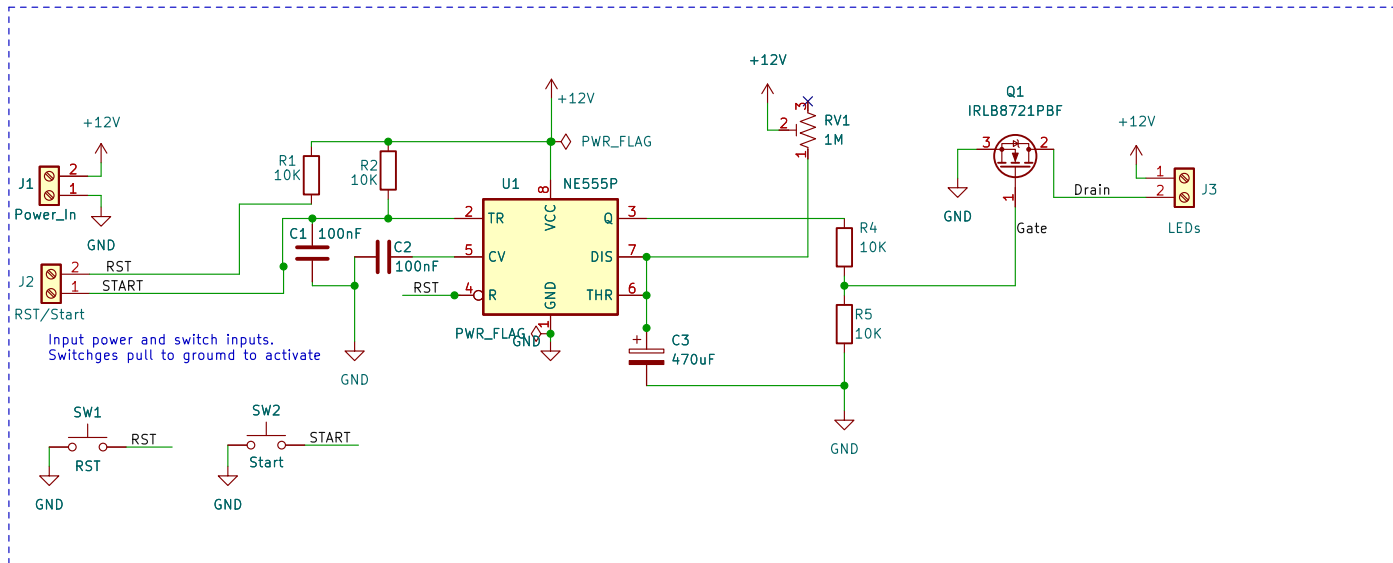This starts a timmer, approx 5 min once the trigger is started.
Reset can be pressed to power off before hand to power off.
This is meant for about 500ma to 1000ma max at 12 volts.

+12V

J1
2
1
Power_In
GND

J2
2 RST
1 START
RST/Start

Input power and switch inputs.
Switchges pull to groumd to activate

R1
10K

R2
10K

PWR_FLAG

+12V

C1 100nF

C2
100nF

RST

GND

U1   NE555P
8
2 TR   VCC
Q 3
5 CV   DIS 7
4 R   THR 6
GND
1
PWR_FLAG

GND

C3
470uF

+12V

RV1
1M

R4
10K

R5
10K

GND

Q1
IRLB8721PBF

3   2
R
1
Gate

GND

Drain

+12V

J3
1
2
LEDs

SW1
RST
RST
GND

SW2
START
Start
GND

Mounting Holes

H1
MountingHole

H2
MountingHole

H3
MountingHole

H4
MountingHole

McKee INC.
Sheet: /
File: Closet Light with timmer.kicad_sch
Title: 12 Volt LED light timer
Size: A4   Date: 2022-12-09   Rev: V1.2
KiCad E.D.A. kicad (6.0.8)   Id: 1/1