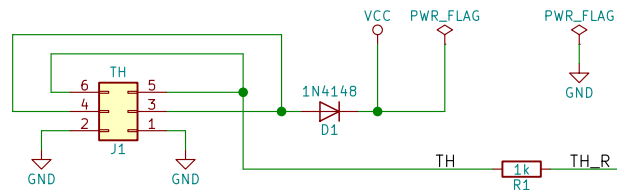
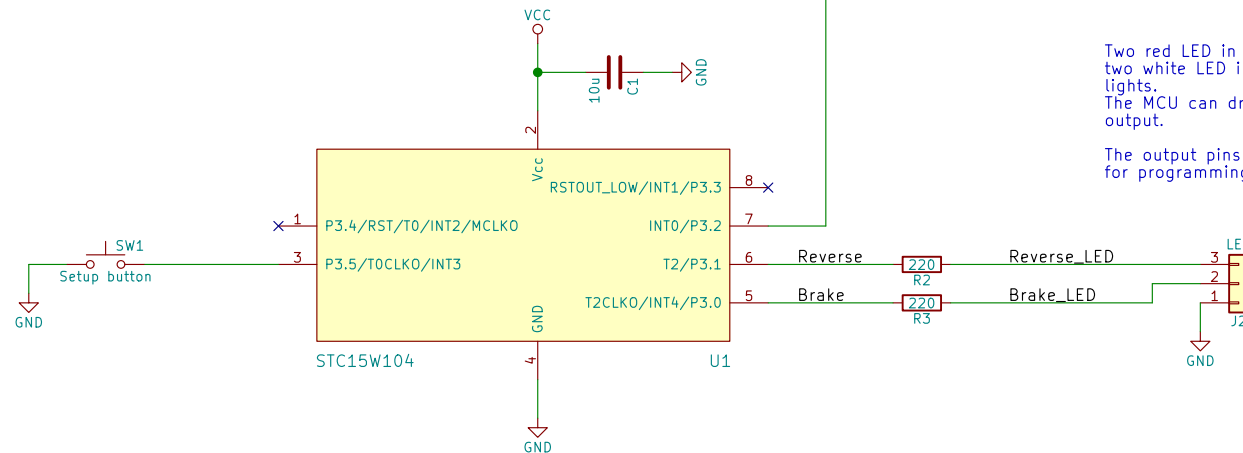


The maximum voltage for the MCU is 5.5V.
The diode drops 0.5V+ at low loads so
that we can use the controller until up to
6V.
Do ***not*** use a Schottky diode!



Two parallel connections for
the Throttle (TH) channel:
One to the receiver, and
another one to plug in the ESC.

INT0 is used so that we can use
Timer0 in gate mode to measure
the pulse duration



Two red LED in series for brake lights,
two white LED in parallel for reversing
lights.
The MCU can drive at most 20 mA per
output.

The output pins are also used
for programming the MCU

LANE Boys RC

Sheet: /
File: rc-brake-lights.sch

Title: RC Brake & Reversing Light Controller

Size: A4 Date: 2018-03-28
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