



IR DETECTOR

TSOP38338 is the IR receiver to use.
It fits in a 0.1 inch pin header slot, and I'll use this as I cba to create a library for it.
Why is kicad so painful?

LED DRIVER. 1 of X

set as appropriate.
high while testing,
low/short for actual use

Idea - leave a footprint on the board in
case we want to parallel the LEDs?
The MOSFET is good for a very large
current in pulsed mode - 5+ A.

STM32 pin used:
pa6 - SPI1_MISO, I2S1_MCK,
TIM3_CH1, TIM1_BKIN, TIM16_CH1, TSC_G2_I03,
AVR pin used:
PWM pin on OC1A

Reuse the AVR connector for programming the STM32
avr_sck = swdclk
avr_miso = swdio

TODO: Need to add the PFET to kill off power to the external flight control board

MICROCONTROLLER STM32 OR ATMEGA328

POWER

PROG HEADER

Sheet: /
File: Lasgun.sch

Title:

Size: A4
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