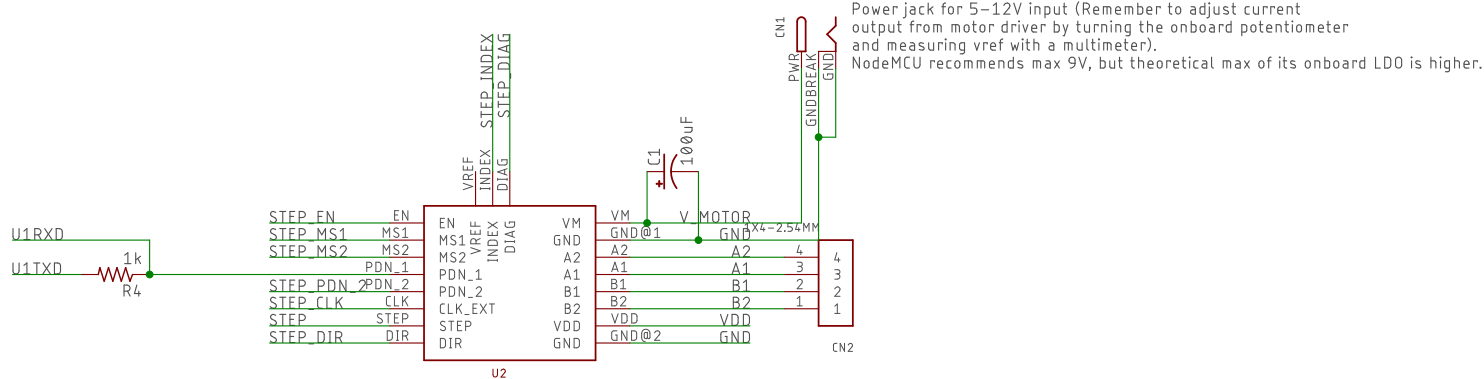
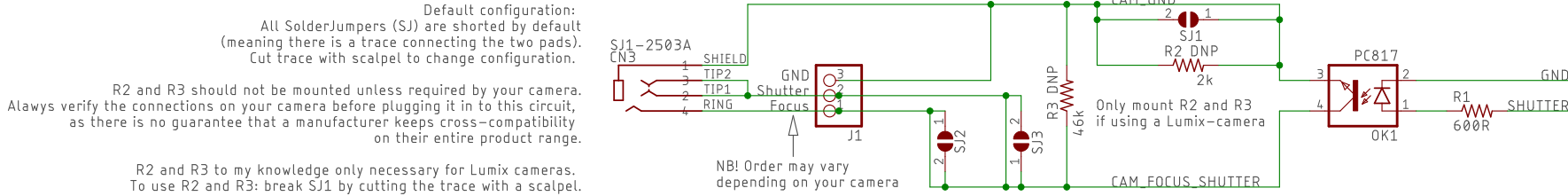


Main functionality



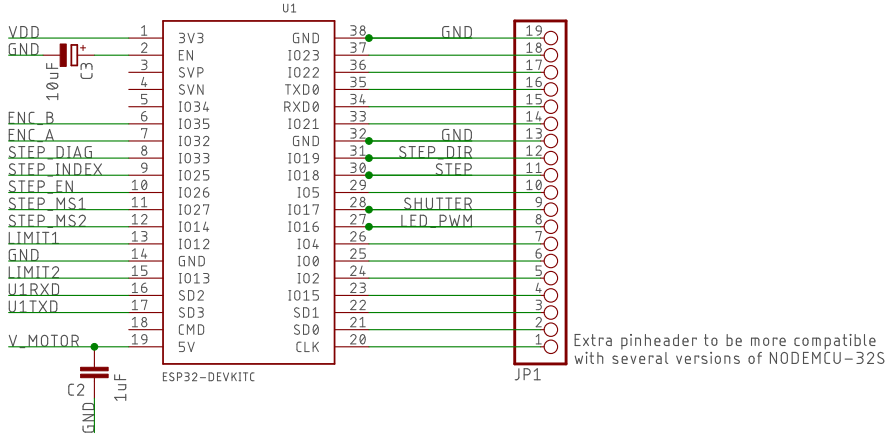
Shutter circuit description:



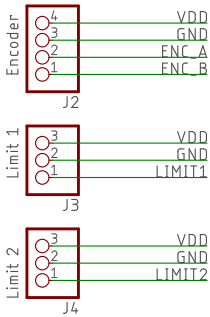
SJ2 and SJ3 are for compatibility.
Nikon cameras require Focus and Shutter to be pulled low simultaneously.
Canon and Sony don't require this, but has no problem with it either.
Other cameras may not like it (in that case: cut traces as necessary for your camera).

Source:
<https://lrtimelapse.com/news/intervalometer-hack/>

5–12V input from barrel jack (stepped down to 3.3V via LDO, so higher input voltage means more heat dissipation)



For potential future use



For using the V_MOTOR voltage to power external LEDs that can illuminate the object that's being photographed. TIP120 can source a lot of current (up to 9A), but needs a heat-sink for anything more than 2W (current depends on your voltage, $P = U \times I$).

