

SOLENOID DRIVER

The diagram illustrates a solenoid driver circuit with two identical channels. Each channel is powered by a 5V supply connected to a 4.7uF capacitor (C16, C18). The supply is connected to the VDD pin (pin 19) of the solenoid coil (U3, U5). The RESET pin (pin 4) of the solenoid coil is connected to a 100Ω resistor (R6, R10), which is in turn connected to the SPI1_MOSI pin (J12). A 0.1uF capacitor (C17, C19) is connected between the RESET pin and ground. The solenoid coil (U3, U5) has pins 1 through 19, with pins 1 through 18 connected to ground (GND). The SPI1_MOSI pin (J12) is connected to the MOSI pin (pin 17) of the solenoid coil (U3, U5).

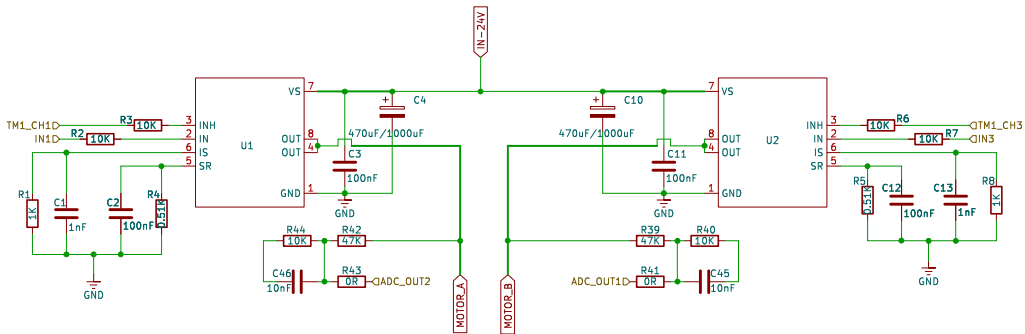
The image shows a PCB layout for a 10-pin LED strip. The layout is divided into two main sections: a top section and a bottom section. The top section features a 10-pin header (H1-H10) and a 10-pin connector (J1-J10). A 10-pin LED strip is connected to the header. The bottom section features a 10-pin header (H1-H10) and a 10-pin connector (J1-J10). A 10-pin LED strip is connected to the header. The layout is labeled "DEBUG LED" and "10-PIN LED STRIP".

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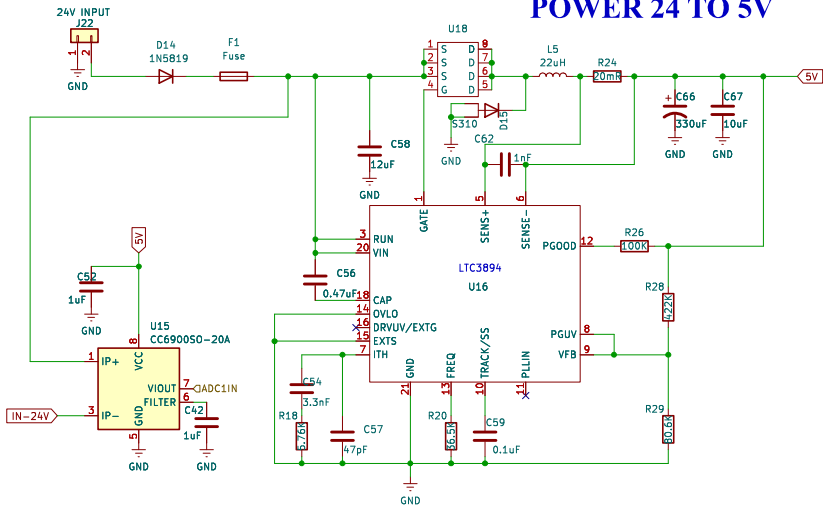
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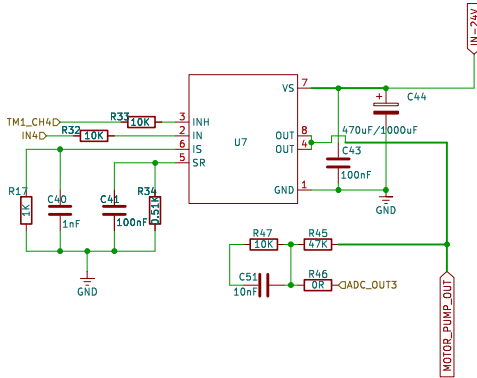
MOTOR DRIVER OT LAMA



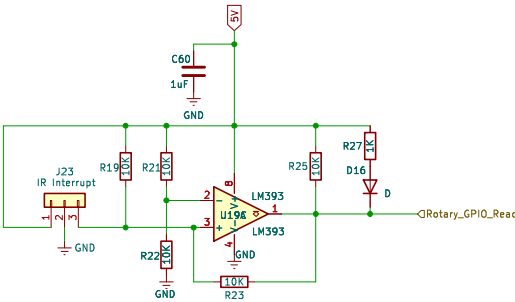
POWER 24 TO 5V



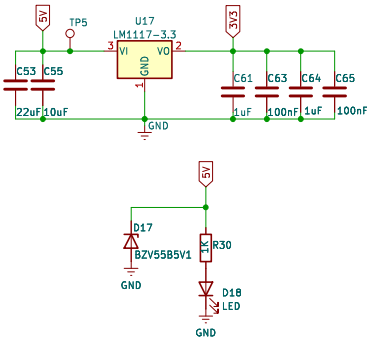
MOTOR PUMP



ROTARY SENSOR READ



POWER 3V3



ROTARY DRIVER

