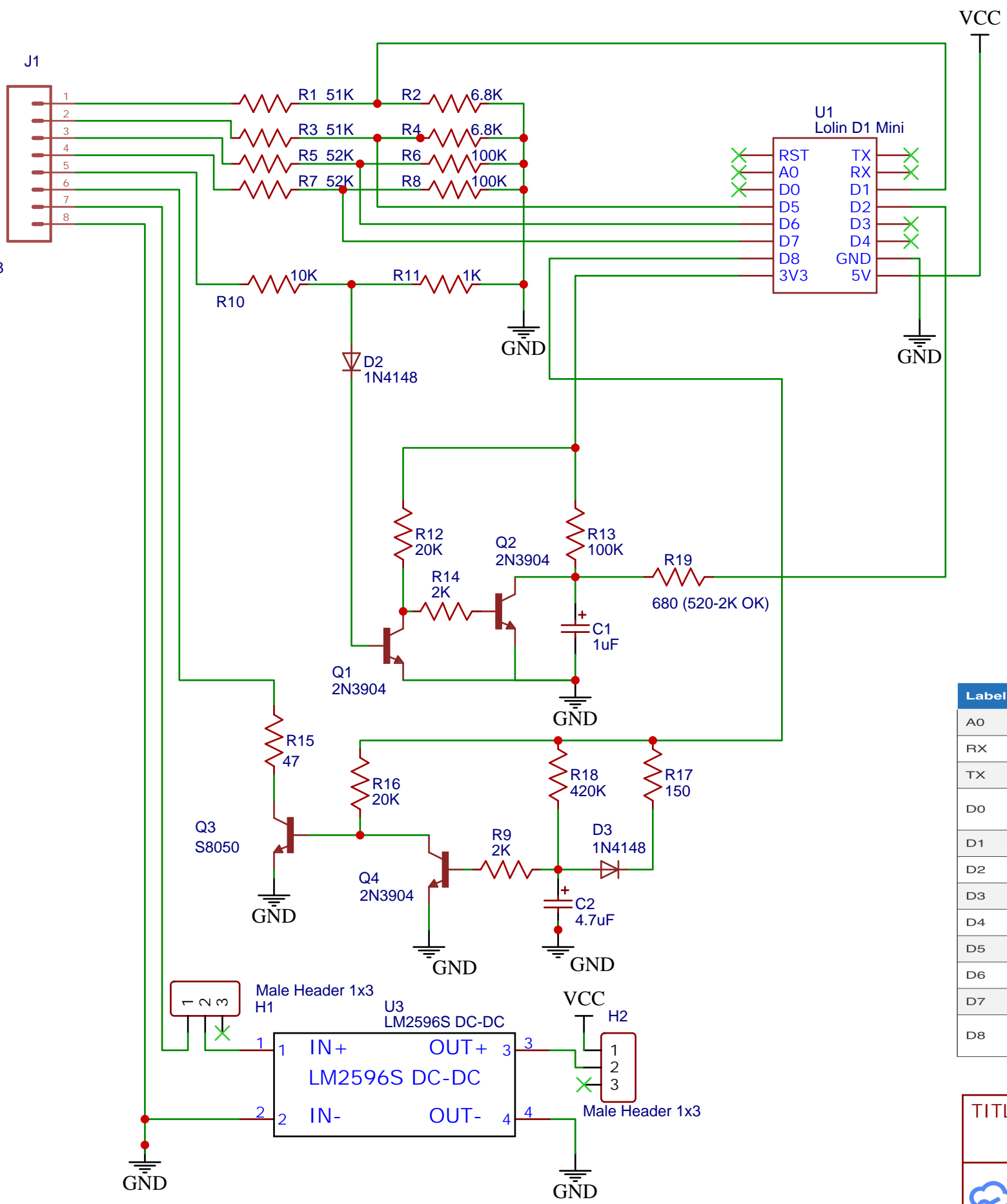


Up Relay  
Down Relay  
Open Limit  
Close Limit  
Obstruction Sensor  
Open Button  
+24V  
Common

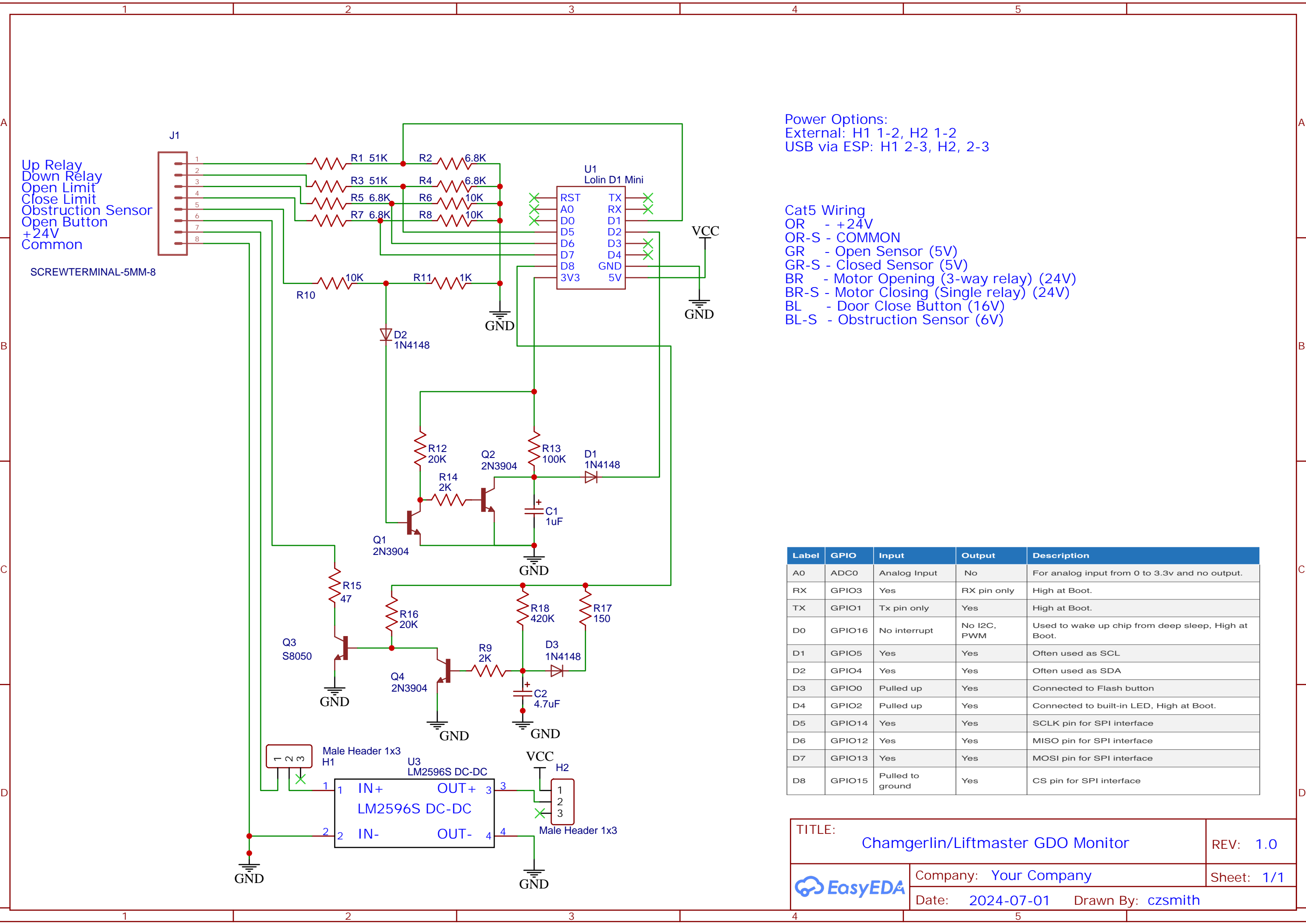
SCREWTERMINAL-5MM-8



Power Options:  
External: H1 1-2, H2 1-2  
USB via ESP: H1 2-3, H2, 2-3

Cat5 Wiring  
OR - +24V  
OR-S - COMMON  
GR - Open Sensor (5V)  
GR-S - Closed Sensor (5V)  
BR - Motor Opening (3-way relay) (24V)  
BR-S - Motor Closing (Single relay) (24V)  
BL - Door Close Button (16V)  
BL-S - Obstruction Sensor (6V)

Label	GPIO	Input	Output	Description
A0	ADC0	Analog Input	No	For analog input from 0 to 3.3v and no output.
RX	GPIO3	Yes	RX pin only	High at Boot.
TX	GPIO1	Tx pin only	Yes	High at Boot.
D0	GPIO16	No interrupt	No I2C, PWM	Used to wake up chip from deep sleep, High at Boot.
D1	GPIO5	Yes	Yes	Often used as SCL
D2	GPIO4	Yes	Yes	Often used as SDA
D3	GPIO0	Pulled up	Yes	Connected to Flash button
D4	GPIO2	Pulled up	Yes	Connected to built-in LED, High at Boot.
D5	GPIO14	Yes	Yes	SCLK pin for SPI interface
D6	GPIO12	Yes	Yes	MISO pin for SPI interface
D7	GPIO13	Yes	Yes	MOSI pin for SPI interface
D8	GPIO15	Pulled to ground	Yes	CS pin for SPI interface



Up Relay  
Down Relay  
Open Limit  
Close Limit  
Obstruction Sensor  
Open Button  
+24V  
Common

SCREWTERMINAL-5MM-8

Power Options:  
External: H1 1-2, H2 1-2  
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