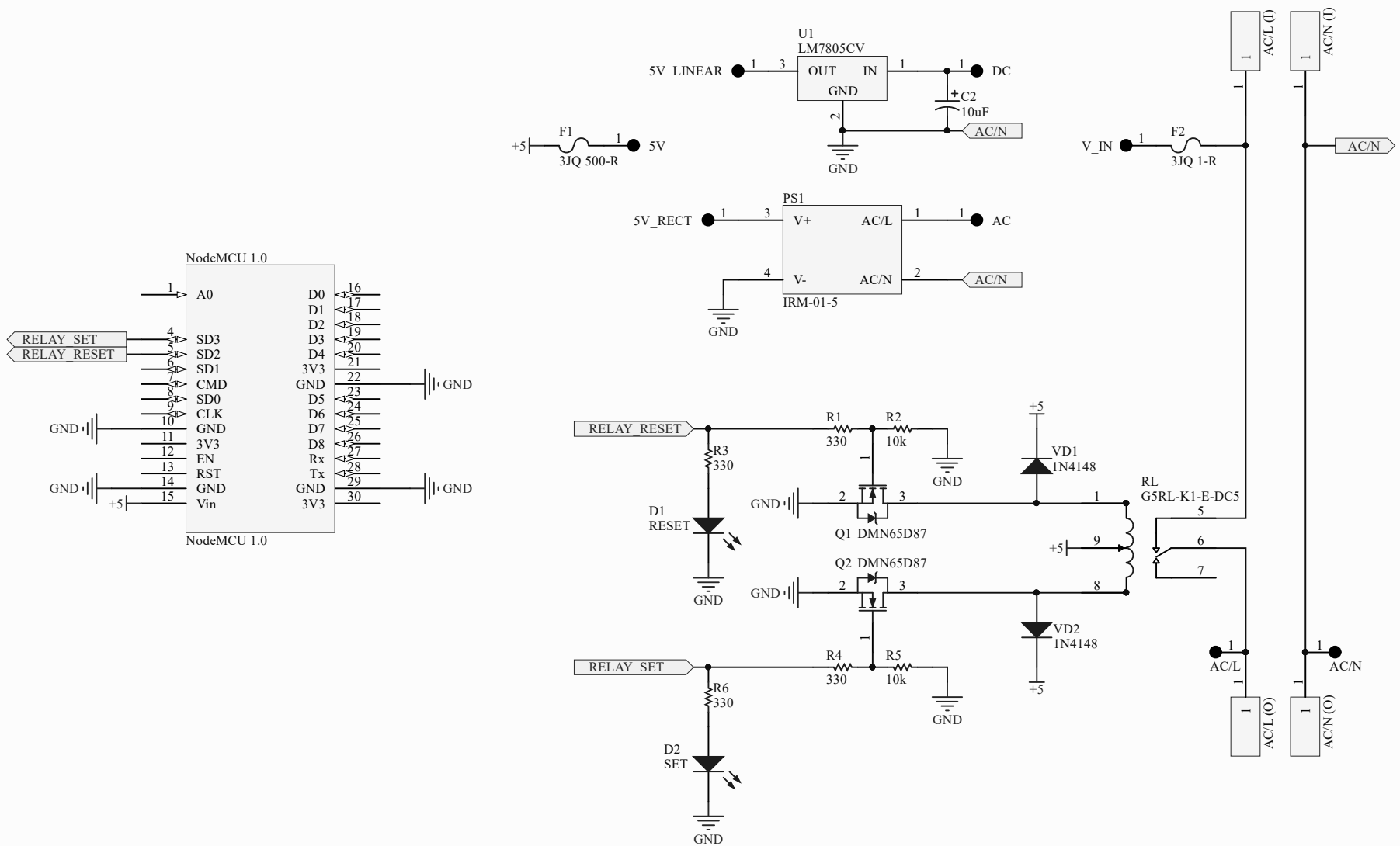


Comment	Description	Designator	Manufacturer Part Number	Quantity
Würth Elektronik 691213610001	Serie 2136 - 10.16 mm Horizontal Entry with Rising Cage Clamp WR-TBL, 1 pin	AC/L (I), AC/L (O), AC/N (I), AC/N (O)	691213610001	4
10uF	Cap, Alu Elec, 1uf, 50v, Rad	C2	ESK105M050AC3A A	1
RESET	LED Uni-Color Red 645nm 2-Pin T-1 3/4	D1	HLMP-D150	1
SET	LED Uni-Color Red 645nm 2-Pin T-1 3/4	D2	HLMP-D150	1
3JQ 500-R	Fuse Subminiature Fast Acting 0.5A 350V Axial 5 X 15mm Glass CE/CSA/UL/cULus	F1	3JQ 500-R	1
3JQ 1-R	Fuse Subminiature Fast Acting 1A 350V Axial 5 X 15mm Glass CE/CSA/PSE/UL/cULus	F2	3JQ 1-R	1
NodeMCU 1.0	Nodemcu V2 Lua Based ESP8266 Dev	NodeMCU 1.0	113990105	1
IRM-01-5	AC/DC CONVERTER 5V 1W	PS1		1
DMN65D87	Trans MOSFET N-CH 60V 0.31A Automotive 3-Pin SOT-23 T/R	Q1, Q2		2
330	Precision resistor, SMD [Panasonic Automotive & Industrial Systems] ERJ3EKF3300V Precision resistor, SMD	R1, R3, R4, R6		4
10k	Resistor Thick Film 0603 10k Ohm 1% 1/10 Watt ±100ppm °C Surface Mount Punched Carrier Tape and Reel	R2, R5	ERJ-3EKF1002V	2
G5RL-K1-E-DC5	General Purpose Relay, G5rl-K Series, Power, Latching Dual Coil, Spdt, 5 Vdc, 16 A	RL	G5RL-K1-E-DC5	1
LM7805CV	Linear voltage regulator [ST micro] LM7805CV Linear voltage regulator 2A THT	U1		1
1N4148	Diode: switching; S	VD1, VD2	1N4148W	2



Title		
Size	Number	Revision
A4		
Date:	2019-11-04	Sheet of
File:	SmartSwitch P1.SchDoc	Drawn By:

# SmartSwitch V1

Jonathan Lin 11/02/2019

NodeMCU 1.0

D0

USB

Vin

5V\_LINEAR

C2 U1

F2

V\_IN

5V\_RECT

DC

5V

PS1

D2

D1

R4 R5

R6

R3

R1 R2

Q2

Q1

VD2

VD1

RL

AC/N <0>

AC/L <0>

AC/N

AC/L

AC/N <1>

AC/L <1>

AC/L

AC/N

AC