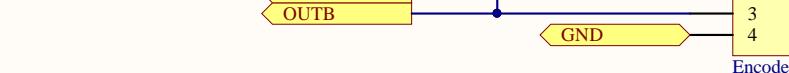
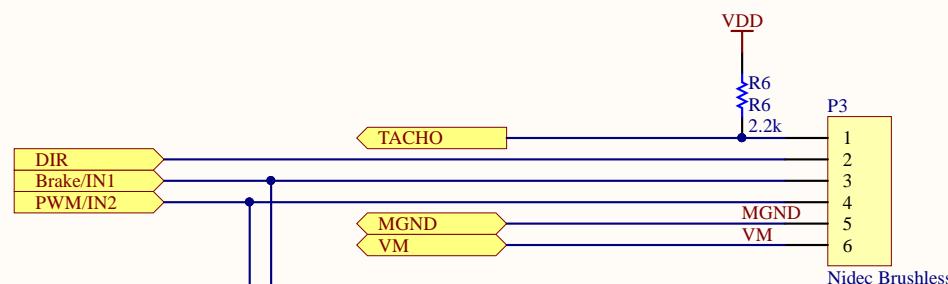


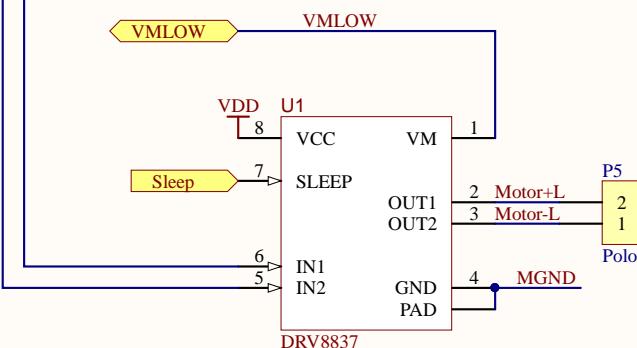
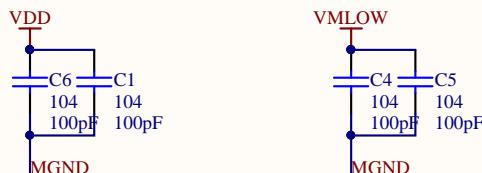
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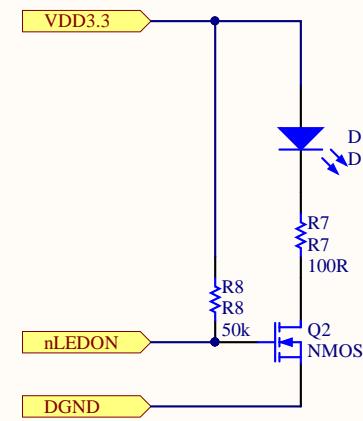
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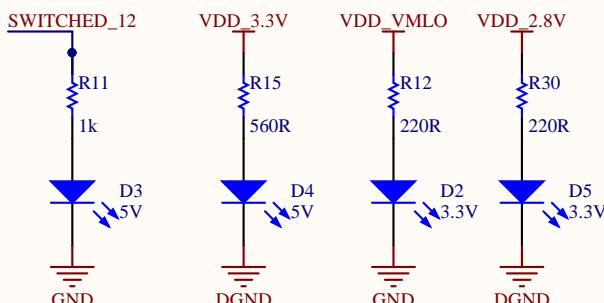
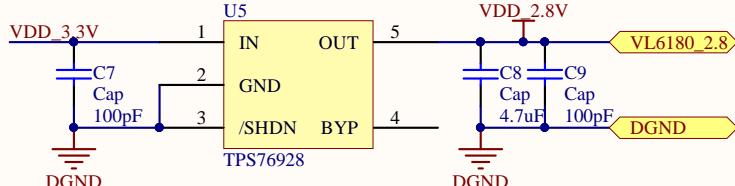
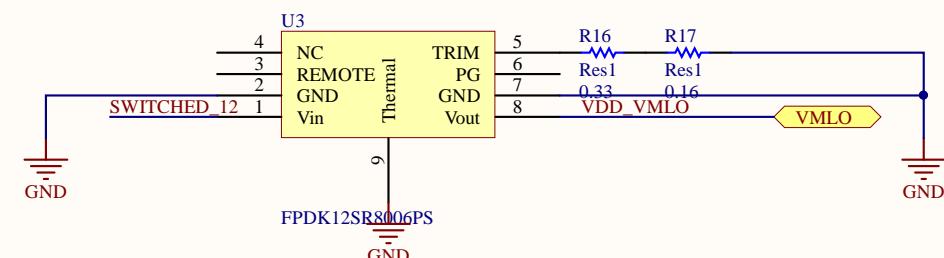
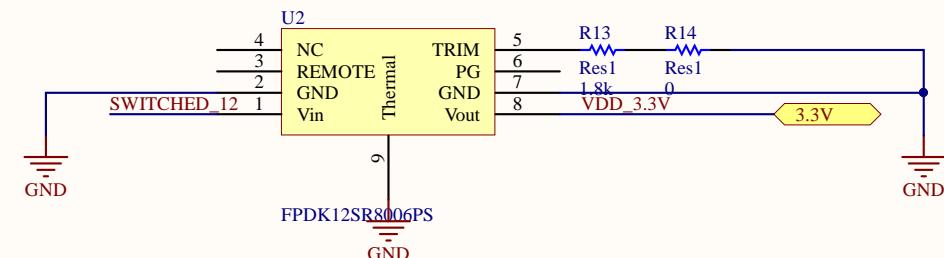
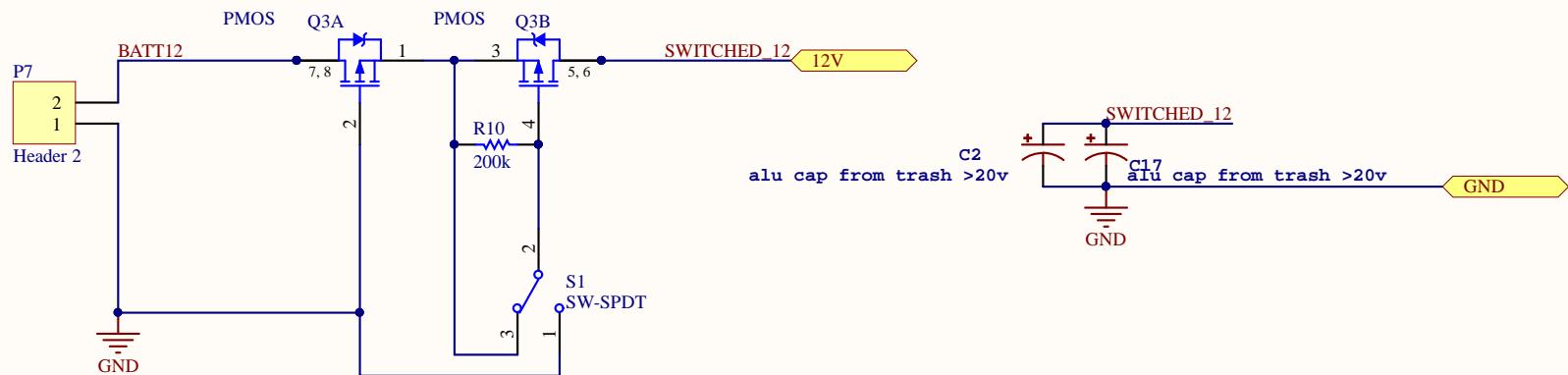
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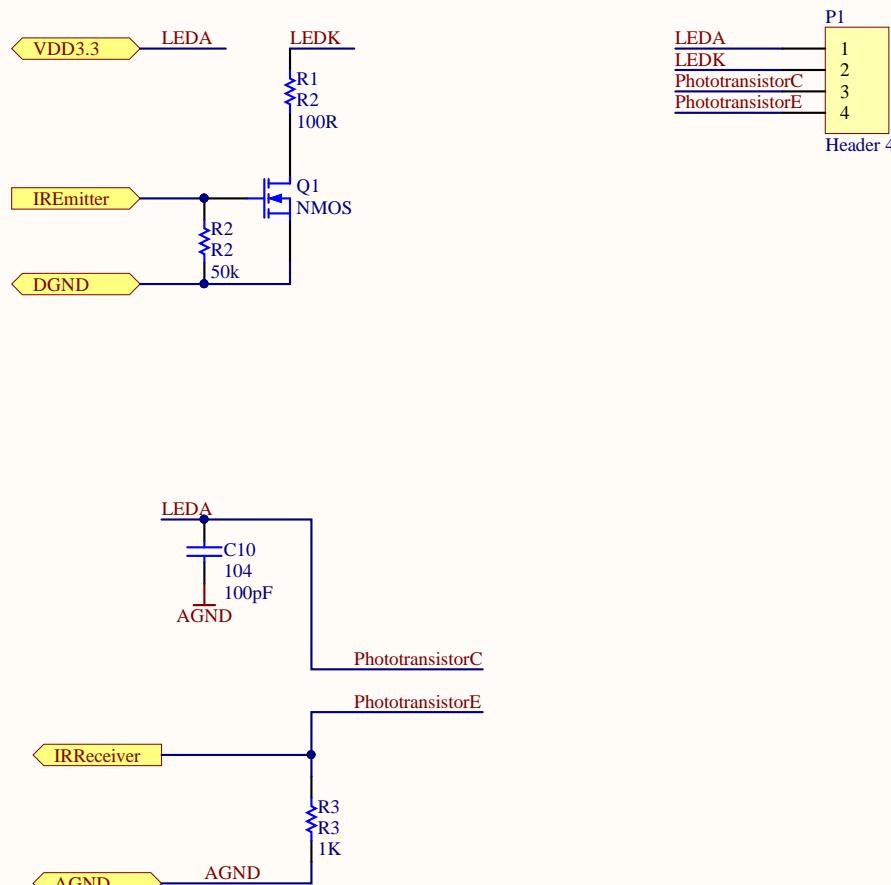
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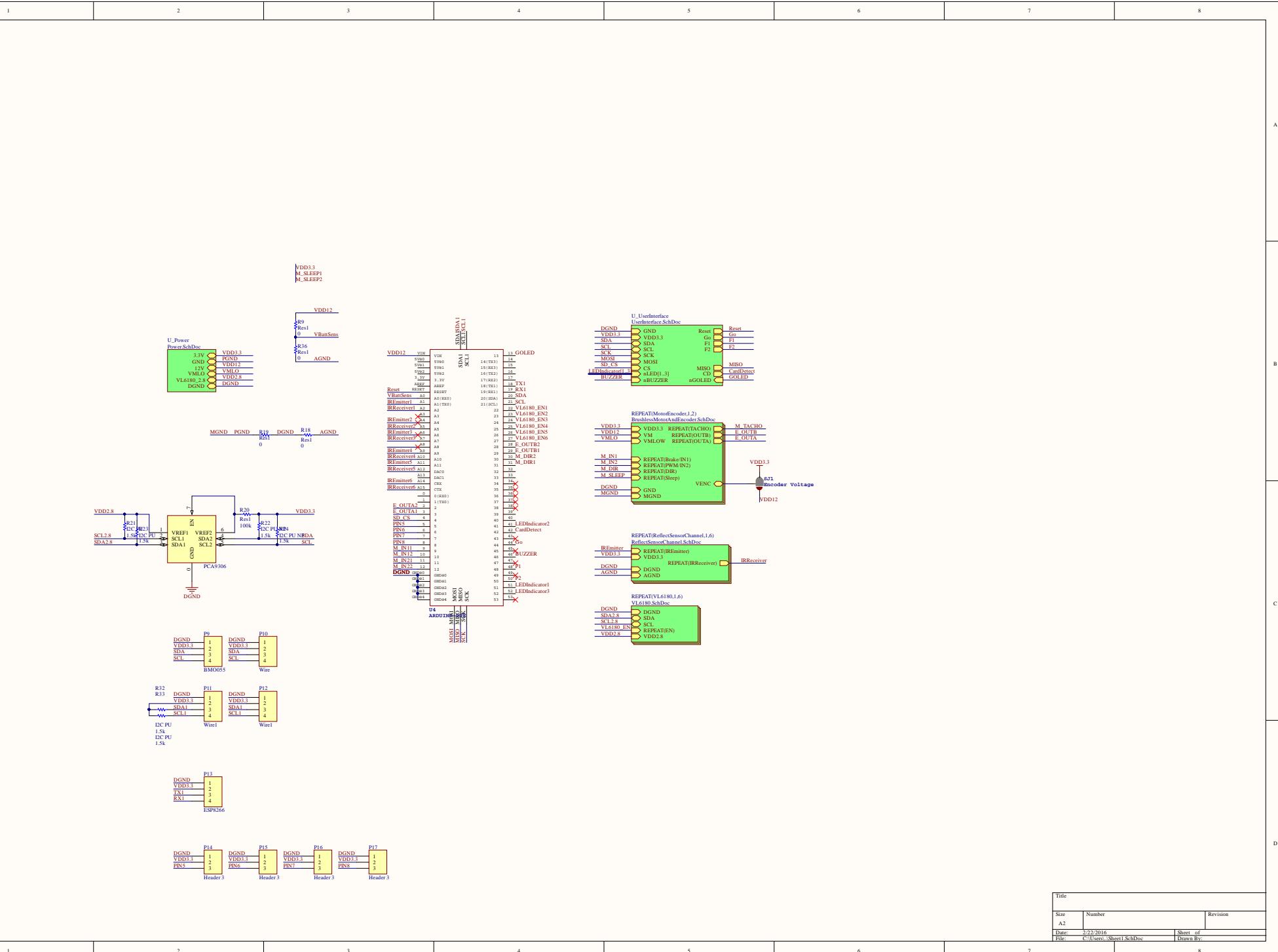
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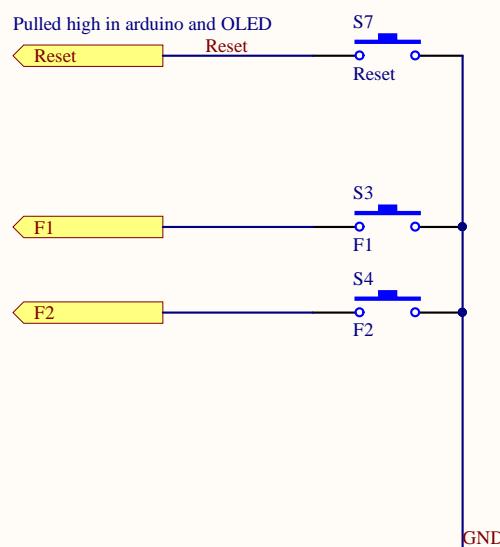
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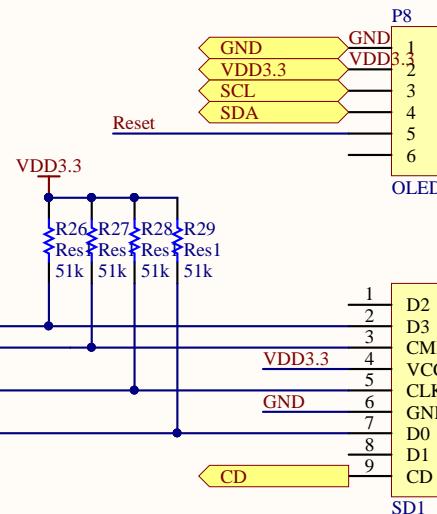
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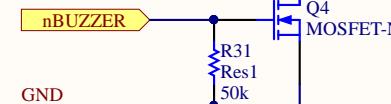
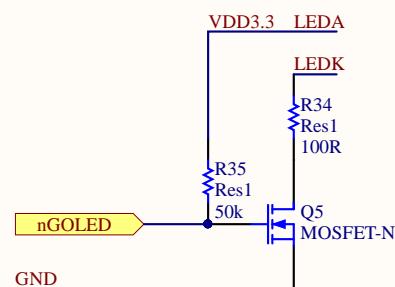
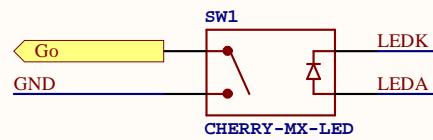
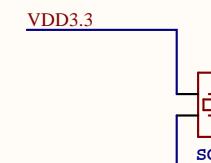
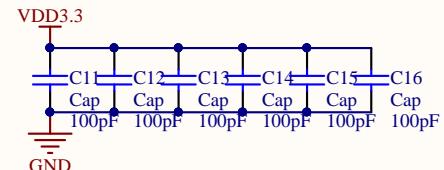
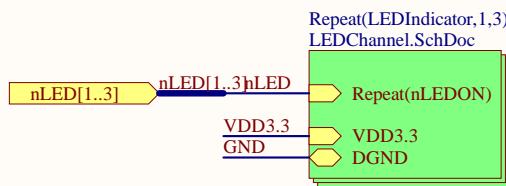
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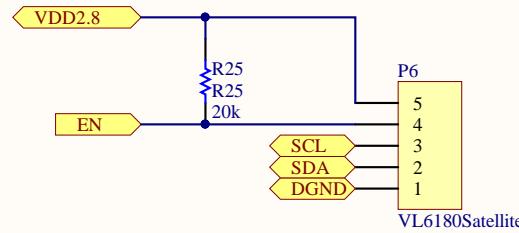
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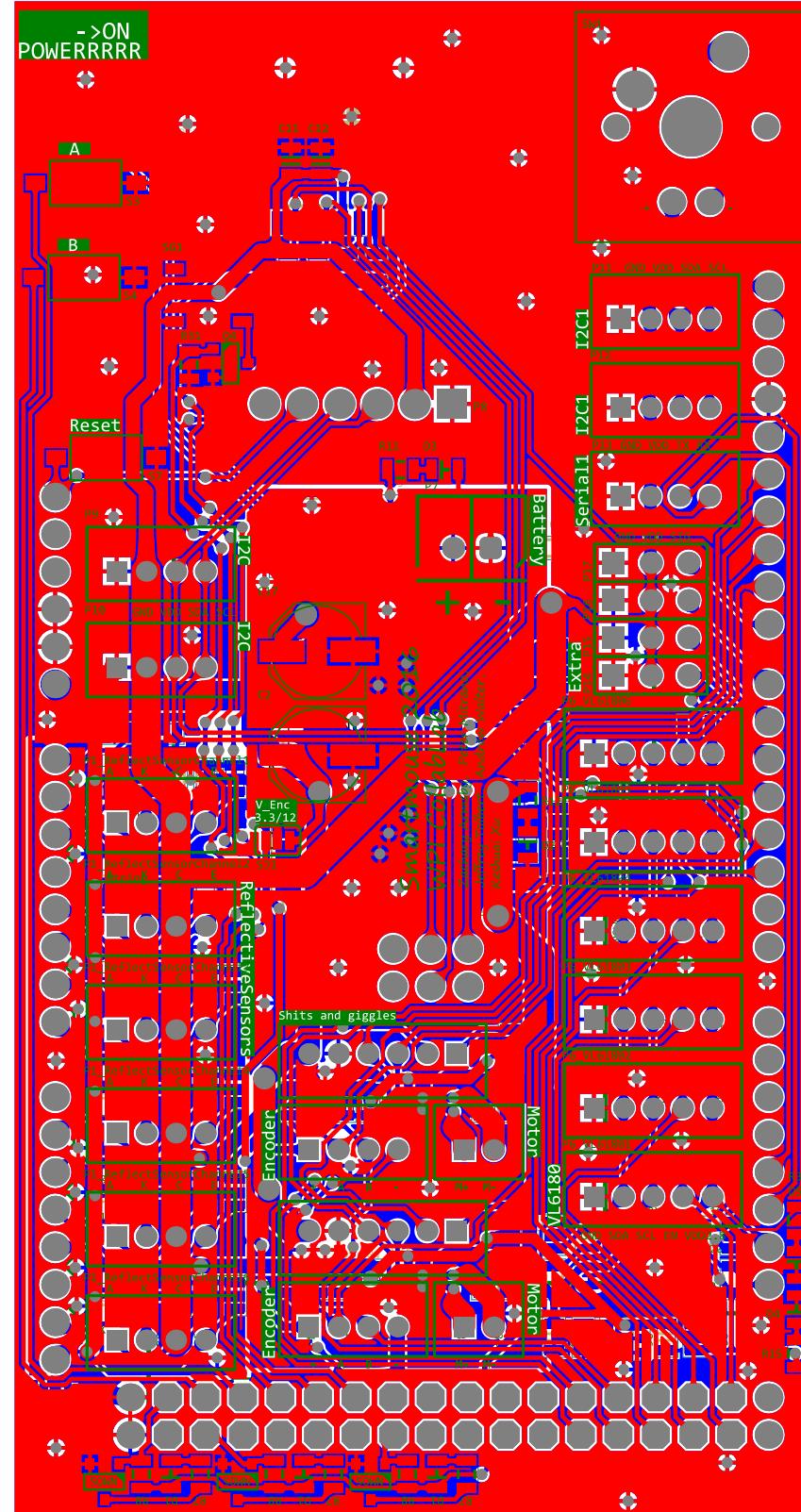
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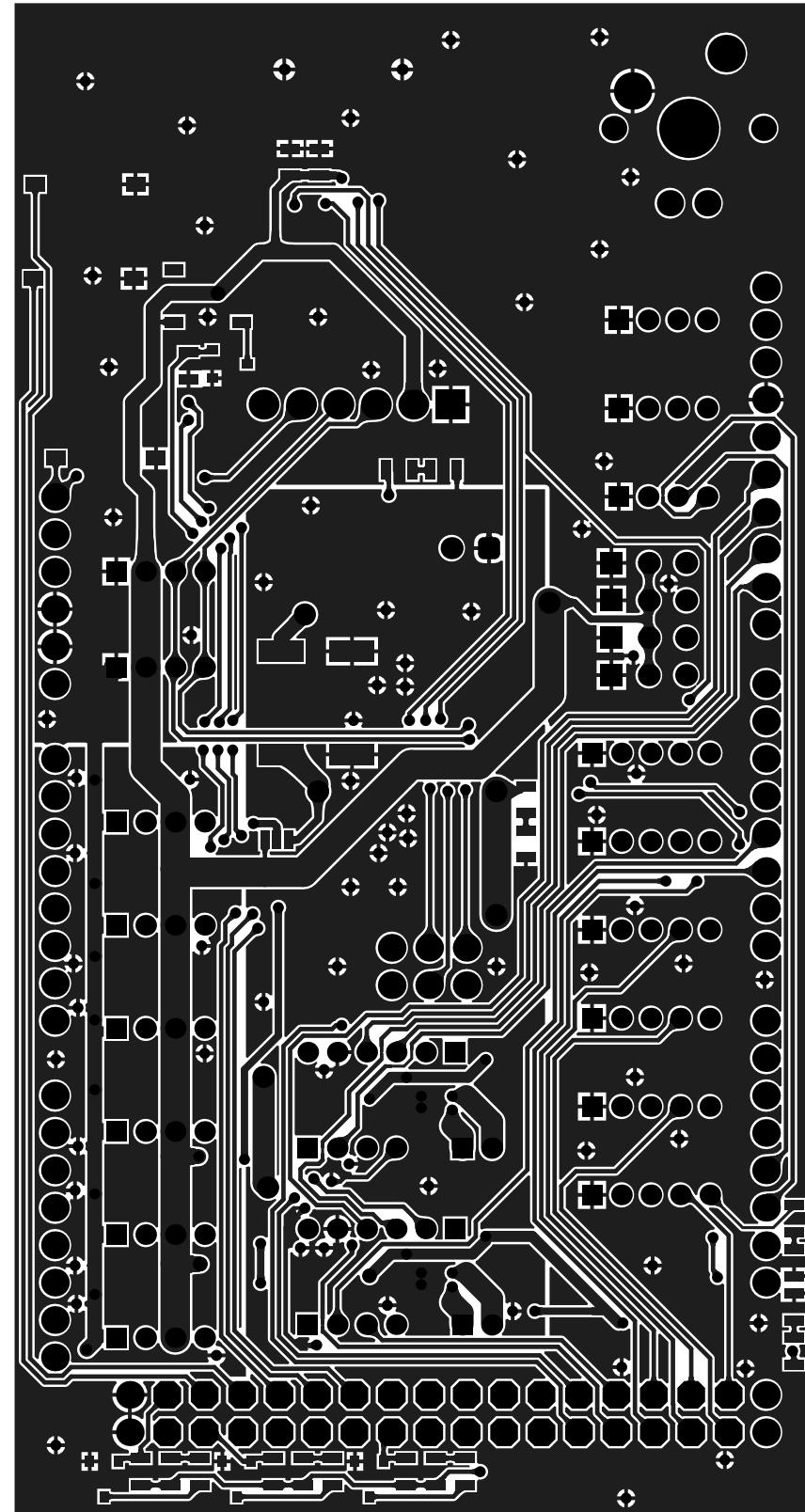
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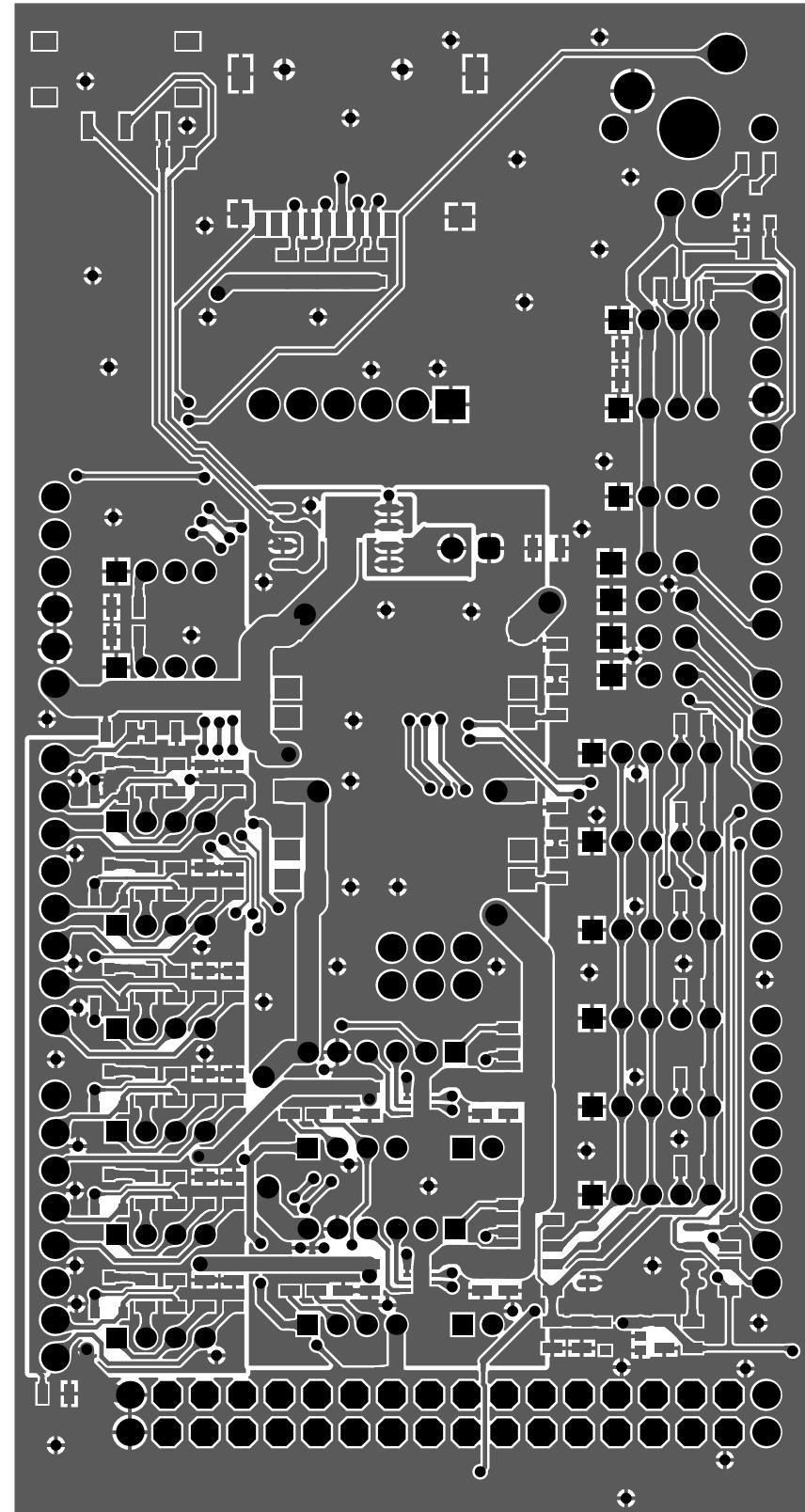
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Item #	Part Name	Error-Manuf	#Column Name	Error:Manufacturer No	Quantity	#Column Name	Error:Note	Designator	Description	Footprint	Comment	LibRef		
1					14			C1_MotorEncoder1, C1_MotorEncoder2, C4_MotorEncoder1, C4_MotorEncoder2, C5_MotorEncoder1, C5_MotorEncoder2, C6_MotorEncoder1, C6_MotorEncoder2, C10_ReflectorSensorChannel1 C10_ReflectorSensorChannel2 C10_ReflectorSensorChannel3 C10_ReflectorSensorChannel4 C10_ReflectorSensorChannel5 C10_ReflectorSensorChannel6	Capacitor	CAP_0805	104	Cap		
2					2			C2_G17	PANASONIC_D	alu cap from trash >20v	CAP_POLD			
3					9			C7_C8_C9_C11_C12_C13, C14_C15_C16	CAP_0805	Cap	Cap			
4					3			D1_LEDIndicator1, D1_LEDIndicator2, D1_LEDIndicator3	LED_0805_GREEN	D1	LED0			
5					2			D2_D5	LED_1206_green	3.3V	LED0			
6					2			D3_D4	LED_1206_green	5V	LED0			
7					6			P1_ReflectorSensorChannel1, P1_ReflectorSensorChannel2, P1_ReflectorSensorChannel3, P1_ReflectorSensorChannel4, P1_ReflectorSensorChannel5, P1_ReflectorSensorChannel6	Header_4-Pin	PH_4_PTH	Header 4	Header 4		
8					2			P2_MotorEncoder1, P2_MotorEncoder2	Header_4-Pin	PH_4_PTH	Encoder	Header 4		
9					2			P3_MotorEncoder1, P3_MotorEncoder2	Header_6Pin	PH_6_PTH	Nodes Brushless	Header 6		
10					2			P5_MotorEncoder1, P5_MotorEncoder2	Header_2-Pin	PH_2_PTH	Pololu	Header 2		
11					6			P6_VL61801_P6_VL61802, P6_VL61803_P6_VL61804, P6_VL61805_P6_VL61806	Header_5Pin	PH_5_PTH	VL6180Satellite	Header 5		
12					1			P7	Header_2-Pin	H02_54-2	Header 2	Header 2		
13					1			P8	Header_6Pin	OLED	OLED	Header 6		
14					1			P9	Header_4Pin	PH_4_PTH	Header 4	Header 4		
15					1			P10	Header_4Pin	PH_4_PTH	Wire	Header 4		
16					2			P11_P12	Header_4Pin	PH_4_PTH	Wire1	Header 4		
17					1			P13	Header_4Pin	PH_4_PTH	ESP8266	Header 4		
18					4			P14_P15_P16_P17	Header_3Pin	HDR1X	Header 3	Header 3		
19					1			P24	I2C shifting stage	SOIC_E200_8	PC9936	Component_1_1		
20					9			Q1_ReflectorSensorChannel1, Q1_ReflectorSensorChannel2, Q1_ReflectorSensorChannel3, Q1_ReflectorSensorChannel4, Q1_ReflectorSensorChannel5, Q1_ReflectorSensorChannel6, Q2_LEDIndicator1, Q2_LEDIndicator2, Q2_LEDIndicator3	N-Channel MOSFET	SOT23-3	NMOS	MOSFET-N		
21					1			Q3	Dual PMOS	SOIC_E200_8	PMOS	RF7316		
22					2			Q4_Q5	N-Channel MOSFET	SOT23-3	MOSFET-N	MOSFET-N		
23					12			R1_ReflectorSensorChannel1, R1_ReflectorSensorChannel2, R1_ReflectorSensorChannel3, R1_ReflectorSensorChannel4, R1_ReflectorSensorChannel5, R1_ReflectorSensorChannel6, R2_ReflectorSensorChannel1, R2_ReflectorSensorChannel2, R2_ReflectorSensorChannel3, R2_ReflectorSensorChannel4, R2_ReflectorSensorChannel5, R2_ReflectorSensorChannel6	Resistor	RES_0805	R2	Res1		
24					6			R3_ReflectorSensorChannel1, R3_ReflectorSensorChannel2, R3_ReflectorSensorChannel3, R3_ReflectorSensorChannel4, R3_ReflectorSensorChannel5, R3_ReflectorSensorChannel6	Resistor	RES_0805	R3	Res1		
25					2			R4_MotorEncoder1, R4_MotorEncoder2	Resistor	RES_0805	R4	Res1		
26					2			R5_MotorEncoder1, R5_MotorEncoder2	Resistor	RES_0805	R5	Res1		
27					2			R6_MotorEncoder1, R6_MotorEncoder2	Resistor	RES_0805	R6	Res1		
28					3			R7_LEDIndicator1, R7_LEDIndicator2, R7_LEDIndicator3	Resistor	RES_0805	R7	Res1		
29					3			R8_LEDIndicator1, R8_LEDIndicator2, R8_LEDIndicator3	Resistor	RES_0805	R8	Res1		
30					16			R9_R13_R14_R16_R17, R18_R19_R20_R26_R27, R28_R29_R31_R34_R35, R32_R33_R34_R35	Resistor	RES_0805	Res1	Res1		
31					5			R11_R12_R15_R30	Resistor	RES_0805	Res	Res1		
32					4			R20_R21_R32_R33	Resistor	RES_0805	PU	Res1		
33					2			R22_R24	Resistor	RES_0805	I2C PU NP	Res1		
34					6			R25_VL61801, R25_VL61802, R25_VL61803, R25_VL61804, R25_VL61805, R25_VL61806	Resistor	RES_0805	R25	Res1		
35					1			S1	SPDT Subminiature Toggle Switch, Right Angle Mounting, Vertical Actuation	GST-12AH	SW_SPDT	SW-SPDT		
36					1			S3	Switch	ButtonTACT_3x6x2.5_180	F1	SW-PB		
37					1			S4	Switch	ButtonTACT_3x6x2.5_180	F2	SW-PB		
38					1			S7	Switch	ButtonTACT_3x6x2.5_180	Reset	SW-PB		
39					1			SD_SD1	SD_Card_1F	SD_Card_1F	SD_Card_1F			
40					1			SG1	Buzzer_5x5	BUZZER_12mmSpun	BUZZER_12mmSpun	BUZZER_PTH		
41					1			SJ1		PAD_JUMPER-3- 20F3_NC_BY_PASTE_YES SLK_FUSE_BOX	Encoder Voltage	JUMPER-PAD-3- 20F3_NC_BY_PASTE SLK_FUSE_BOX		
42					1			SW1		MXLED	CHERRY-MXLED	CHERRY-MXLED		
43					2			U1_MotorEncoder1, U1_MotorEncoder2	LOW-VOLTAGE H-BRIDGE IC, DSG0008A	DSG0008A	DRV8837	DRV8837/DSG		
44					2			U2_U3		PPDR125R8000PS	PPDR125R8000PS			
45					1			U4		ARDUINO-DUE	ARDUINO-DUE			
46					1			US		SOT23-5	TPS76928	TPS76928		