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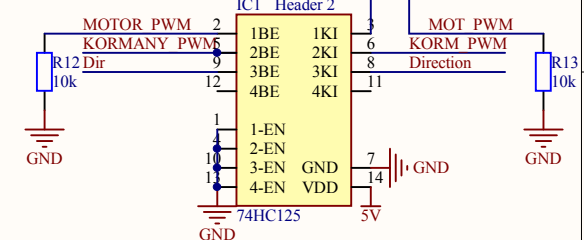
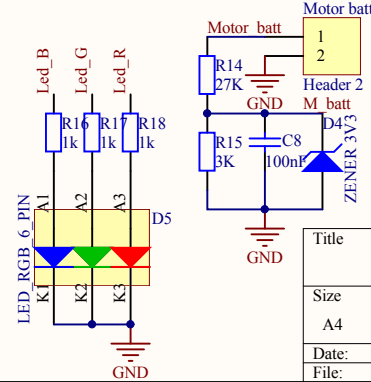
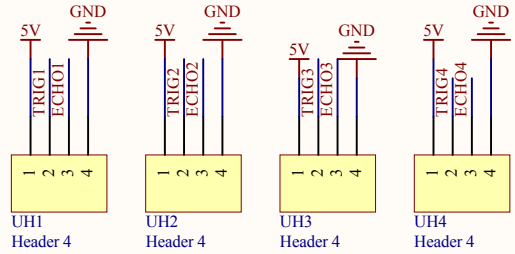
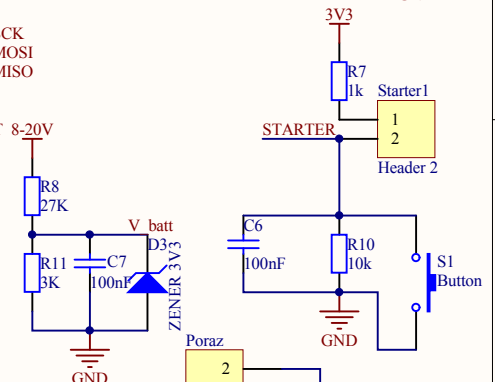
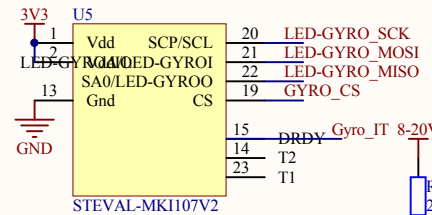
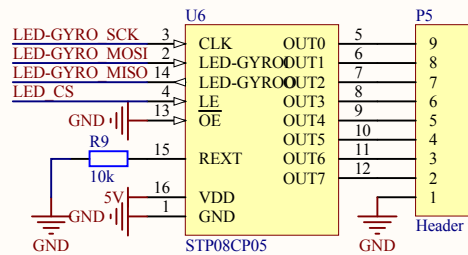
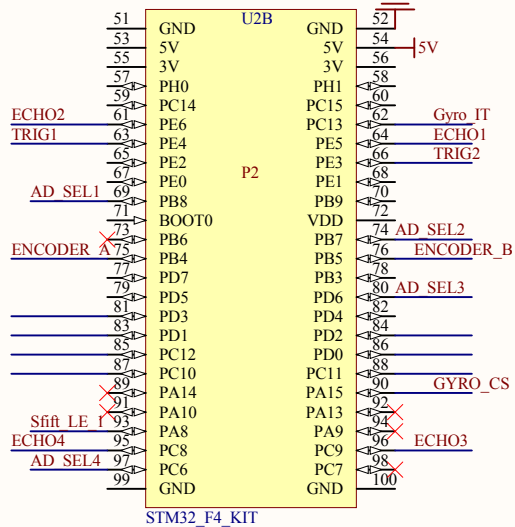
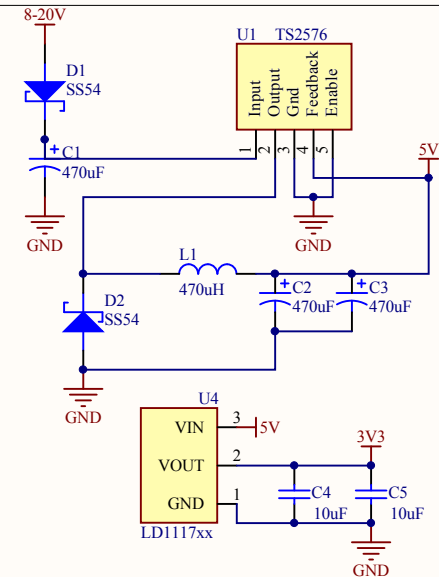
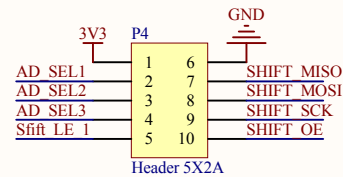
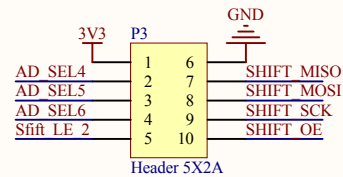
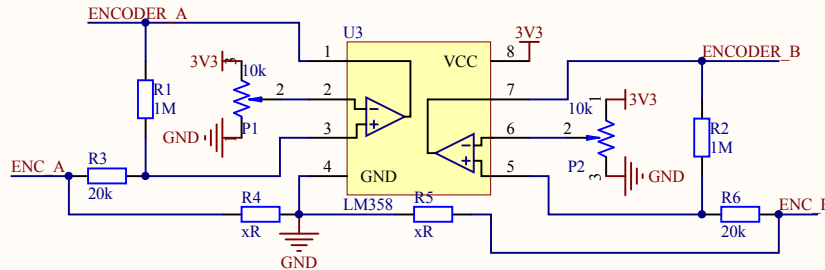
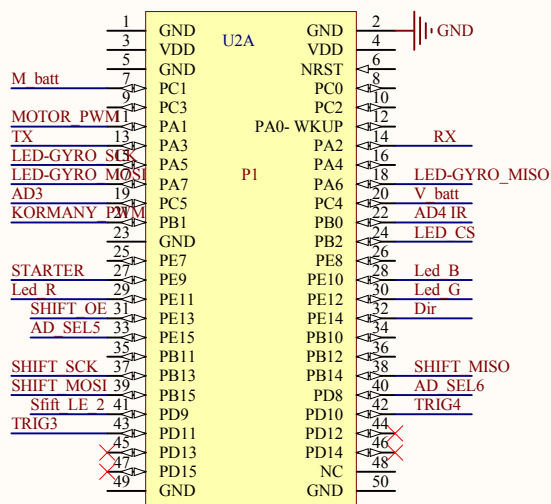
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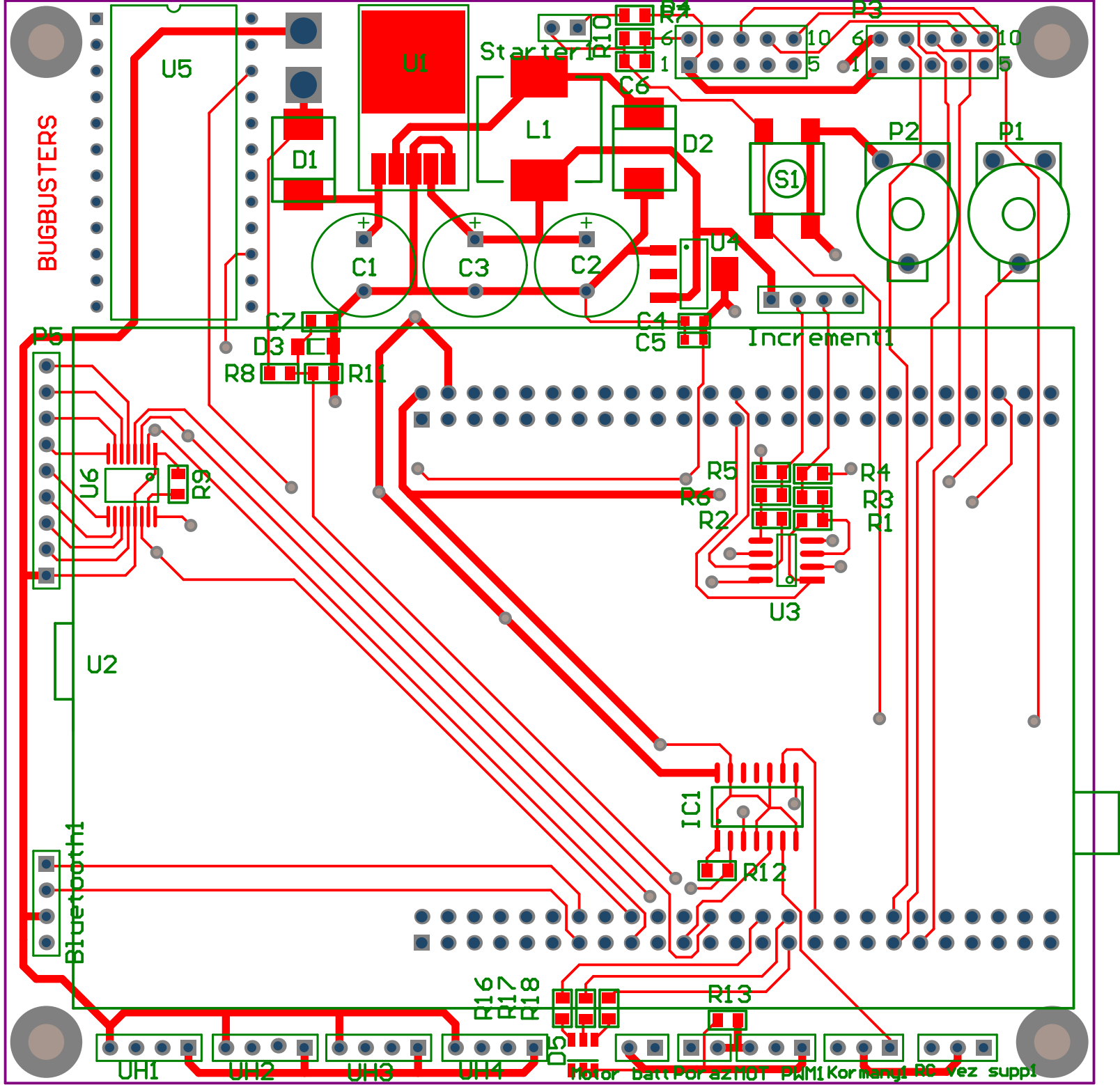
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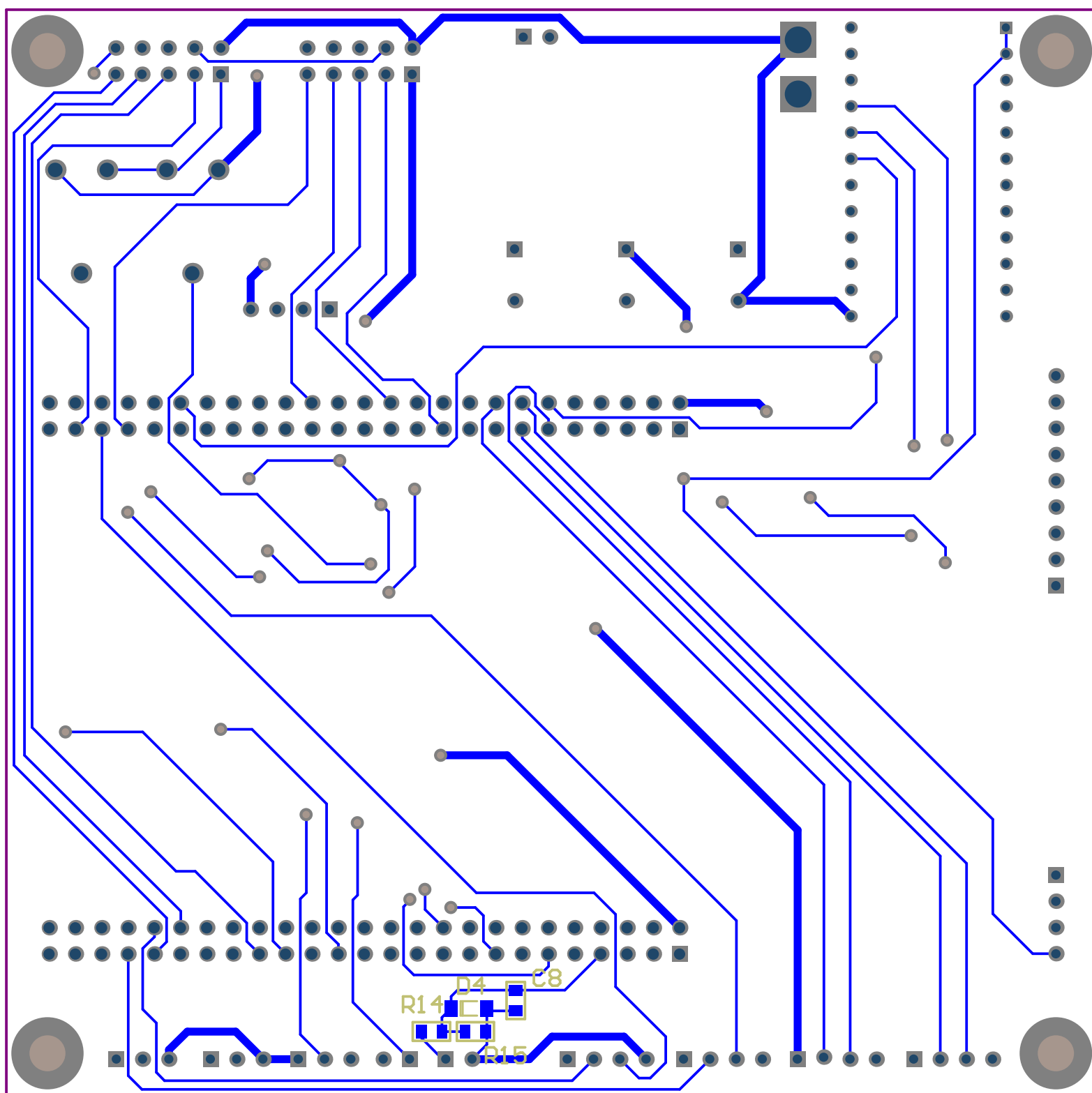
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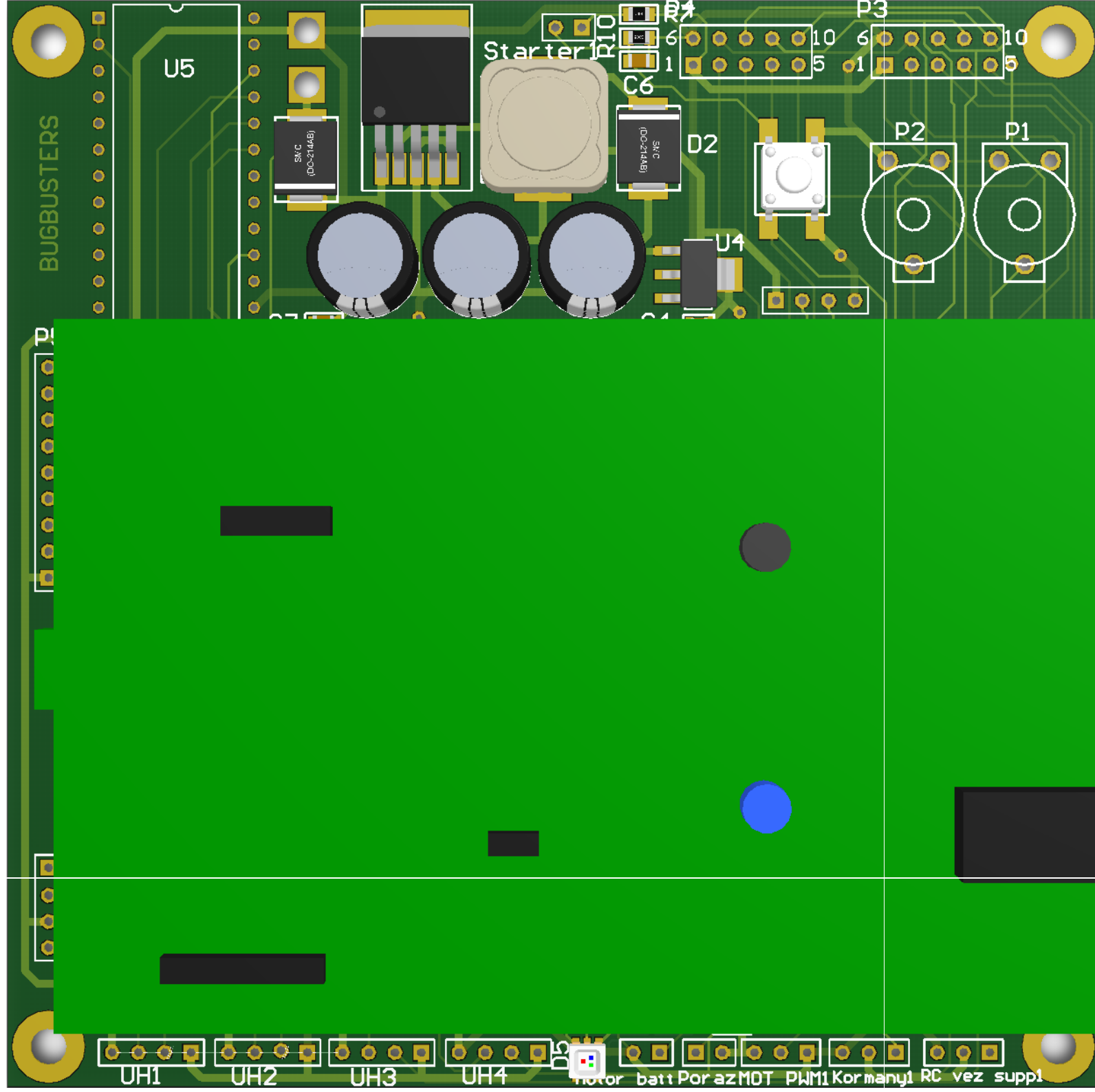
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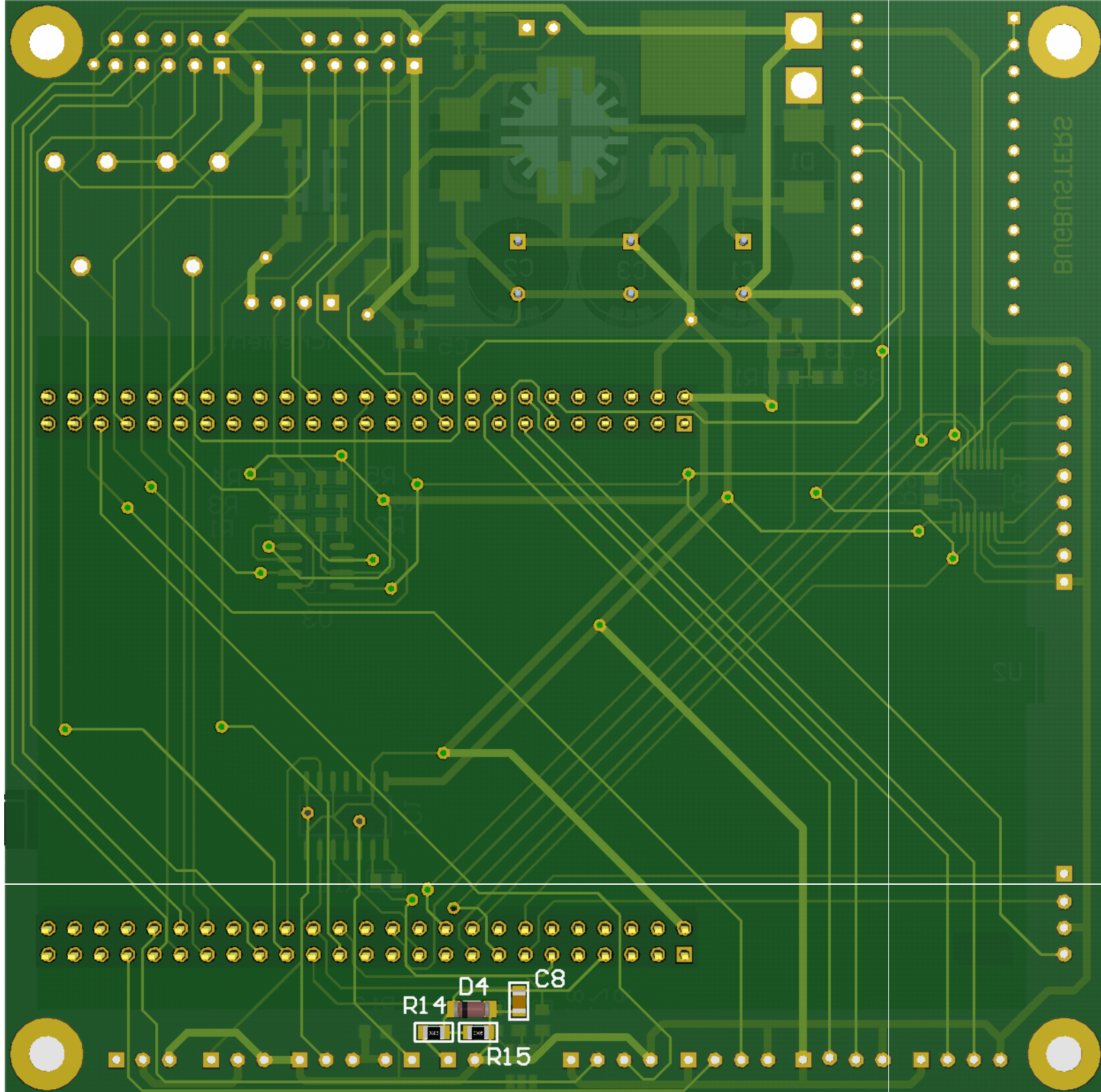
3

4









Comment	Description	Designator	Footprint	LibRef	Order info	Quantity
Header 4	Header, 4-Pin	Bluetooth1, Increment1, UH1, UH2, UH3, UH4	HDR1X4	Header 4		6
470uF	Polarized Capacitor	C1, C2, C3	cap_10x12	CAP_ELECT		3
10uF	Capacitor	C4, C5	FP_0603_CAP_080	Cap	82-07-81	2
100nF	Capacitor	C6, C7, C8	FP_0805_CAP_085	CAP		3
SS54	IXYP - PMEG3020EJ,115 - SCHOTTKY RECT 30V 2A SOD323F	D1, D2	FP_SMA DO214AB	SCHOTTKY		2
ZENER 3V3	Zener Diode	D3, D4	sod-80	ZENER		2
LED_RGB_6_PIN	LED_RGB_6_PIN	D5	LED_PLCC-6	LED_RGB_6_PIN	<a href="http://it.mouser.com/ProductDetail/OSRAM-Opto-Semiconductors/LRTBGFTM-ST7-1+VV9-29+Q5R/?qs=sGAEpiMZZMvyj6n1w4pZD%2f%252b8TlkxpNpOowvvOydA0%3d">http://it.mouser.com/ProductDetail/OSRAM-Opto-Semiconductors/LRTBGFTM-ST7-1+VV9-29+Q5R/?qs=sGAEpiMZZMvyj6n1w4pZD%2f%252b8TlkxpNpOowvvOydA0%3d</a>	1
74HC125		IC1	Gate_SOIC14	74HC125		1
Header 3	Header, 3-Pin	Komany1, MOT PWM1, RC vez supp1	HDR1X3	Header 3		3
470uH		L1	SRR1206_T	L	RET: 77-01-48 77 lomex: 93-03-38	1
Header 2	Header, 2-Pin	Motor batt, Poraz, Starter1	HDR1X2	Header 2		3
10k		P1, P2	Res Trimmer TH	POTI		2
Header 5X2A	Header, 5-Pin, Dual row	P3, P4	HDR2X5_CEN	Header 5X2A		2
Header 9	Header, 9-Pin	P5	HDR1X9	Header 9		1
1M	Resistor	R1, R2	FP_0805_RES	RES		2
20k	Resistor	R3, R6	FP_0805_RES	RES		2
xR	Resistor	R4, R5	FP_0805_RES	RES		2
1k	Resistor	R7, R16, R17, R18	FP_0805_RES	RES		4
27K	Resistor	R8, R14	FP_0805_RES	RES		2
10k	Resistor	R9, R10, R12, R13	FP_0805_RES	RES		4
3K	Resistor	R11, R15	FP_0805_RES	RES		2
Button	Switch	S1	BUTTON_6X6_SMD	SW-PB	<a href="http://www.tme.eu/n u/ details/ tactm-67n- f/tact-pcb- mikrokapcsolok/ ninigi /#">http://www.tme.eu/n u/ details/ tactm-67n- f/tact-pcb- mikrokapcsolok/ ninigi /#</a>	1
TS2576	5V 3A step down	U1	SUPPLY_TO-263 5	TS2576		1
STM32_F4_KIT	STM32 F4 Discovery Evaluation Kit	U2	FP_STM32F4DISC	STM32F4DISCOVER Y		1
LM358	Low power dual operational amplifiers	U3	FP_SO8_MS012AA	LM358		1
LD1117xx	LD1117xx 3,3V lin reg	U4	SUPPLY_SOT223	LD1117xx	<a href="http://hu.mouser.com/ProductDetail/NXP/NX1117C33Z115/?qs=%2fha2pyFadui8%252bOpsKr9N%2fhvfdxjCMx%252bF0NTwqG%252bWOJY%3d">http://hu.mouser.com/ProductDetail/NXP/NX1117C33Z115/?qs=%2fha2pyFadui8%252bOpsKr9N%2fhvfdxjCMx%252bF0NTwqG%252bWOJY%3d</a>	1
STEVAL-MKI107V2	Three-axis digital output gyroscope	U5	STEVAL-MKI107V2 DIL24 Adapter	STEVAL-MKI107V2		1
STP08CP05	8 channel constant cu	U6	TSSOP16	STP08CP05		1