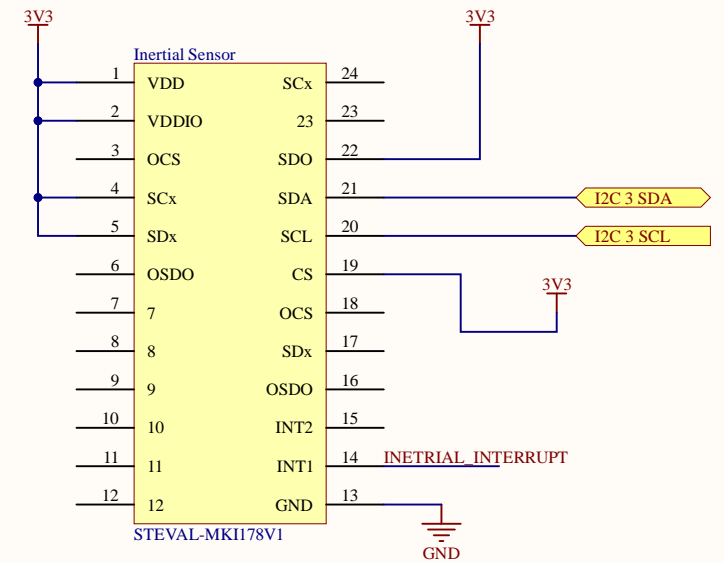
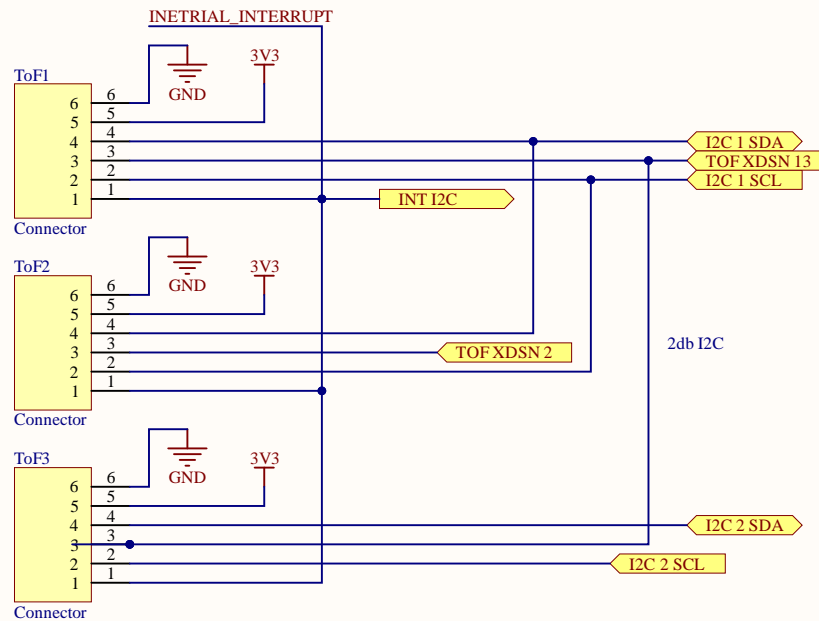
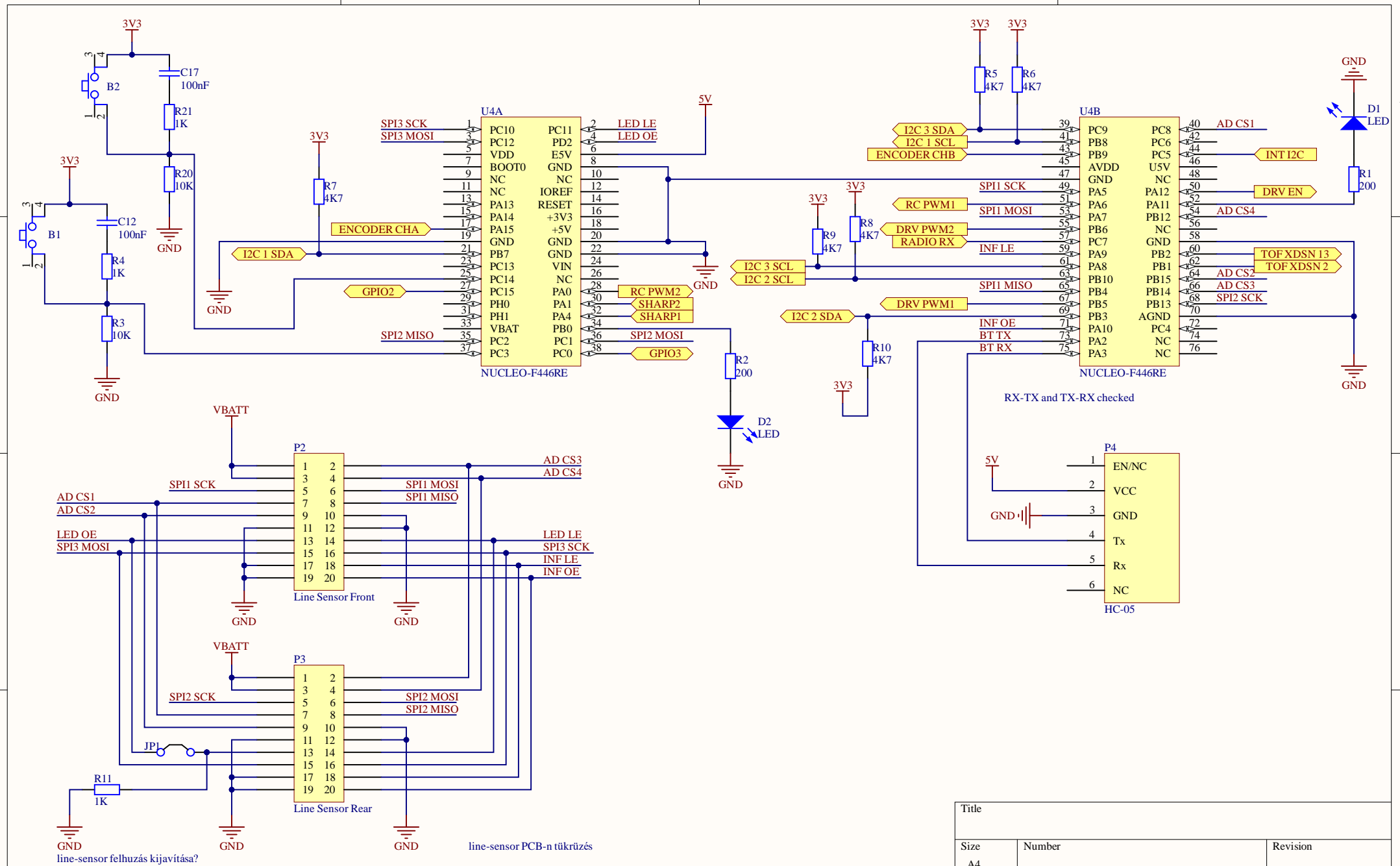


Title		
Size	Number	Revision
A4		
Date:	1/01/2024	Sheet of
File:	C:\Users\...\Connectors.SchDoc	Drawn By:



ha azonos irányba vannak a szalagsatira felrakva a vezetékek, akkor szenzorbol kifele nezve kell lennie a csatinak, PCB-n pedig az egyes pinnel fele a kiveagas

Title		
Size	Number	Revision
A4		
Date:	1/01/2024	Sheet of
File:	C:\Users\...\I2C.SchDoc	Drawn By:

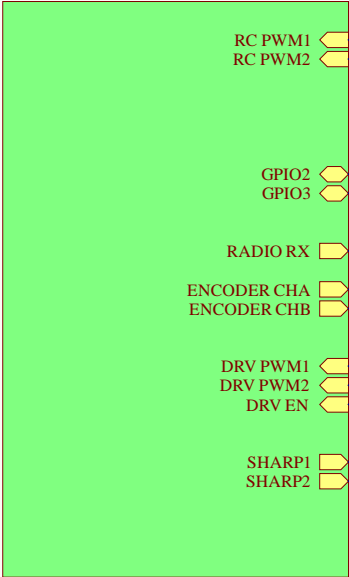


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Size	Number	Revision
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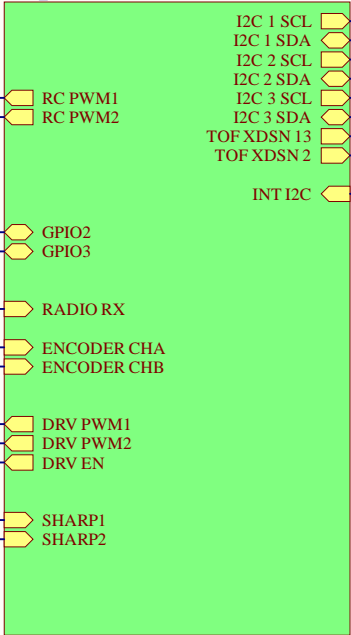
line-sensor felhuzás kijavítása?

line-sensor PCB-n tükrözés

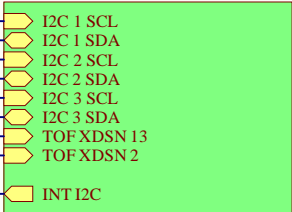
U_Connectors
Connectors.SchDoc



U_main_board
main_board.SchDoc



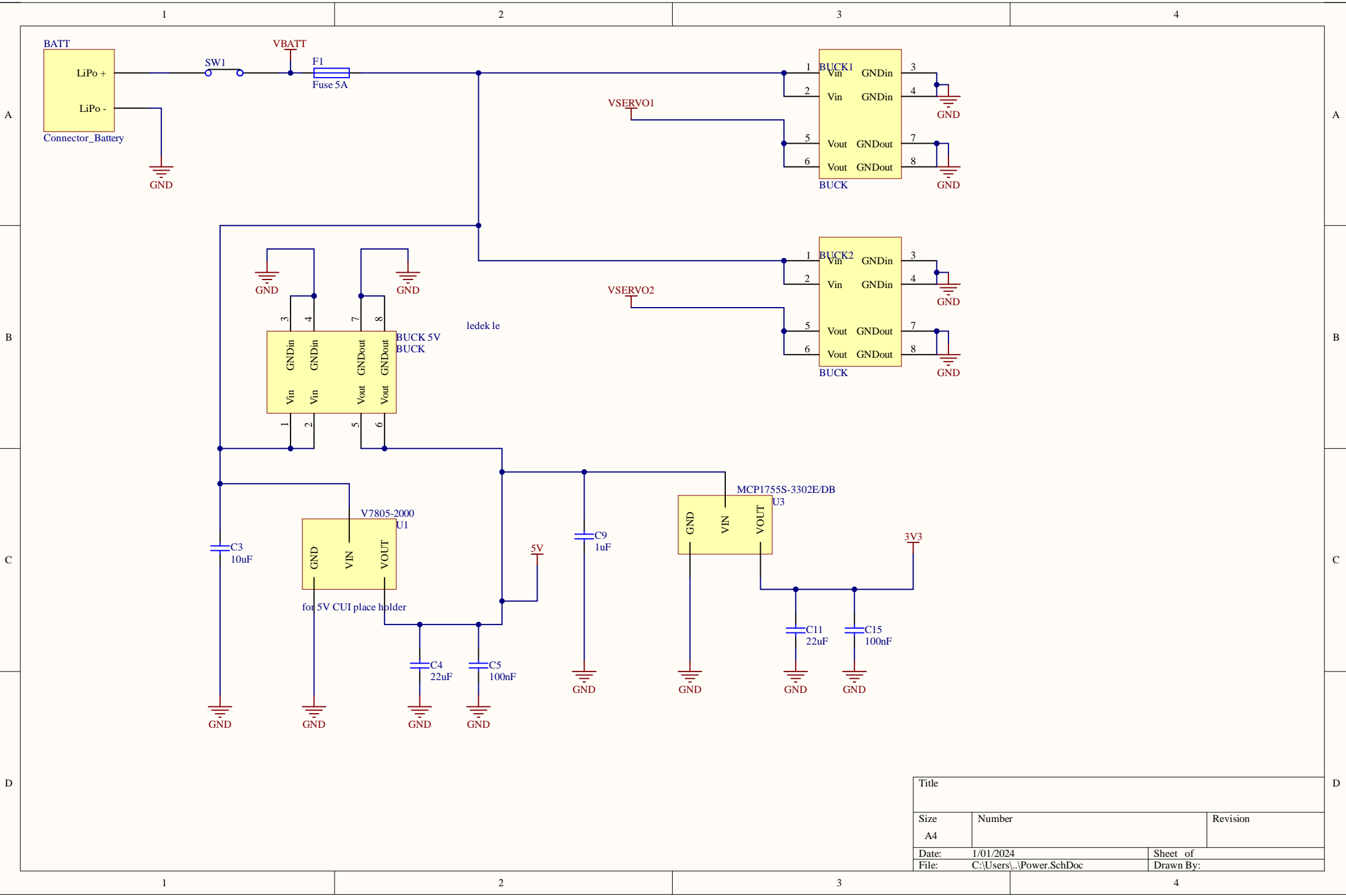
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I2C.SchDoc



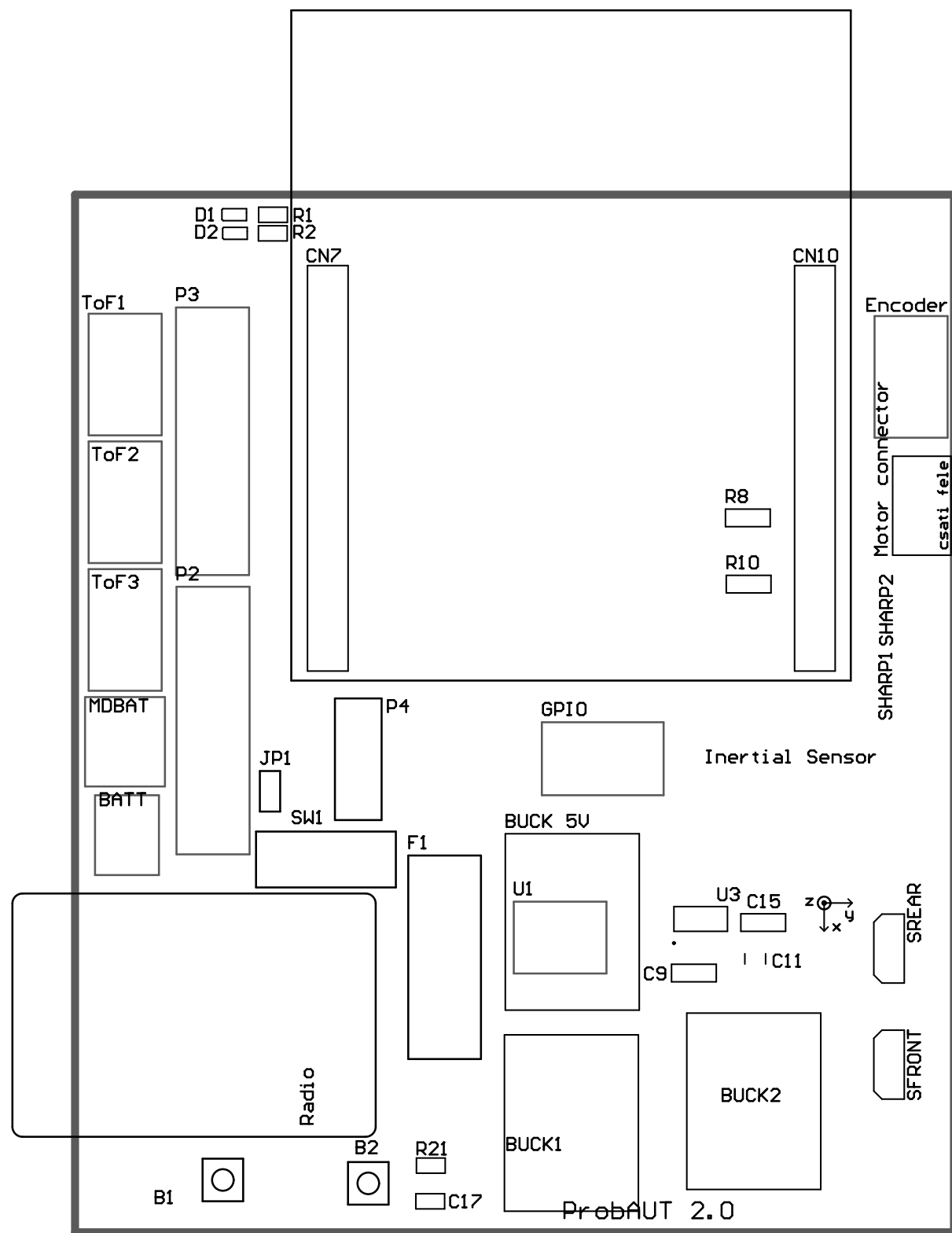
U_Power
Power.SchDoc

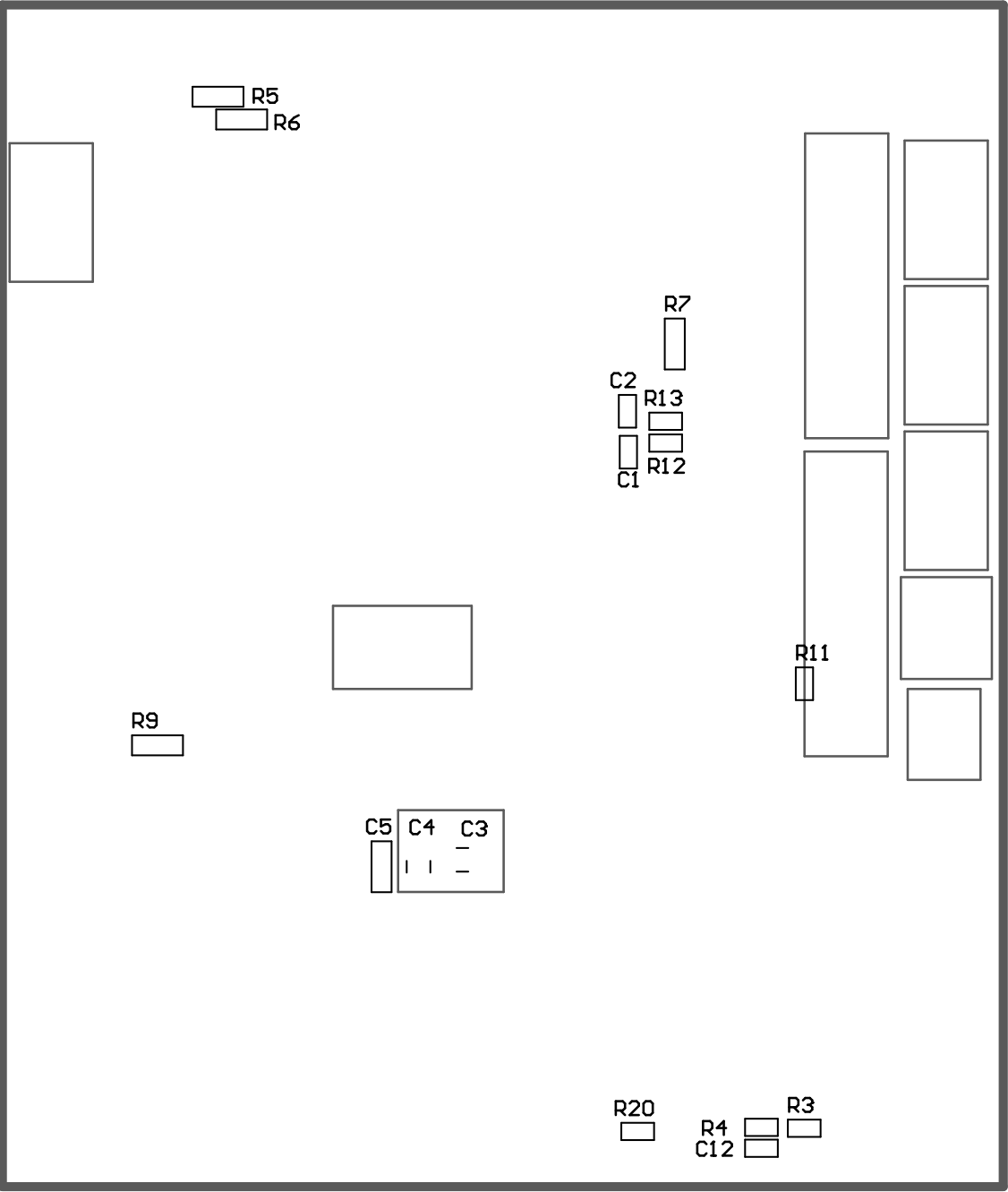


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Size	Number	Revision
A4		
Date:	1/01/2024	Sheet of
File:	C:\Users\...\main_sheet.SchDoc	Drawn By:



Title		
Size	Number	Revision
A4		
Date:	1/01/2024	Sheet of
File:	C:\Users\...\Power.SchDoc	Drawn By:





Designator	Reference	Quantity	Footprint	Supplier	Name
BATT		1	CONN_BATT_LiPo_		
BUCK1, BUCK2, BUCK 5V		3	BUCK		
Inertial Sensor		1	STEVAL-MK1178V1		
P2		1	FP_CONN20PINS_LOME X		
P3		1	FP_CONN20PINS_LOME X		
P4		1	FP_CONN6_TAP_254M M		
Radio		1	SLTB004A		
SHARP1, SHARP2		2	SHARP TOF		
SW1		1	FP_SWITCH_4.8x0.8		
U1		1	V7805-2000_Buck		
U3		1	MCP1755S- 3302E/DB_LDO		
B1, B2	https://hu.mouser.com/ProductDetail/TE-Connectivity-Alcoswitch/FSM2JSMAATR?q=s-g%252BEszo6zu8MKdlSIZRITCQ%3D%3D	2	FP_BTN_SMD	Mouser	
C1, C2, C12, C17	[NoValue], https://hu.farnell.com/yageo/cc1206krx7r8bb104/cap-0-1-f-25v-10-x7r-1206/dp/644316?st=capacitor%20smd	4	FP_0805_CAP_085	[NoValue], Farnell	
C3	https://hu.farnell.com/kemet/c1210c106k3rac tu/cap-10-f-25v-10-x7r-1210/dp/1358512	1	FP_1210_CAP	Farnell	
C4, C11	https://hu.farnell.com/kemet/c1210c226k4rac tu/cap-22-f-16v-10-x7r-1210/dp/2456343	2	FP_1210_CAP	Farnell	
C5, C15		2	FP_1206_CAP_125		
C9	https://hu.farnell.com/multicomp/mcsh31b105k100oct/cap-1-f-10v-10-x7r-1206/dp/1856632	1	FP_1206_CAP_125	Farnell	
D1, D2		2	FP_0805_LED_RED		
Encoder, GPIO, ToF1, ToF2, ToF3		5	FP_CONN6PIN_2X3_254		
F1		1	PTF/16_Fuse_holder		
JP1		1	FP_CONN2_TUSKE_254 MM		
MDBAT		1	CONN_2pin		
Motor connector		1	sorkapocs 3 pin		
R1, R2		2	FP_0805_RES		
R3, R20	https://hu.farnell.com/multicomp/mcmr12x1002ftl/res-10k-1-0-25w-1206-ceramic/dp/2073878	2	FP_0805_RES	Farnell	
R4, R11, R12, R13, R21	https://hu.farnell.com/te-connectivity/crgh1206j1k0/res-1k-5-0-5w-1206-thick-film/dp/2331865 , [NoValue]	5	FP_0805_RES	Farnell, [NoValue]	
R5, R6, R7, R8, R9, R10	https://hu.farnell.com/yageo/rc1206fr-074k7l/res-4k7-1-0-25w-1206-thick-film/dp/9240985	6	FP_1206_RES	Farnell	
SFRONT, SREAR		2	RC_SERVO_CONN		
U4	NUCLEO	1	FP_NUCLEO-64_2x20	Tanszék	Nucleo F446RE