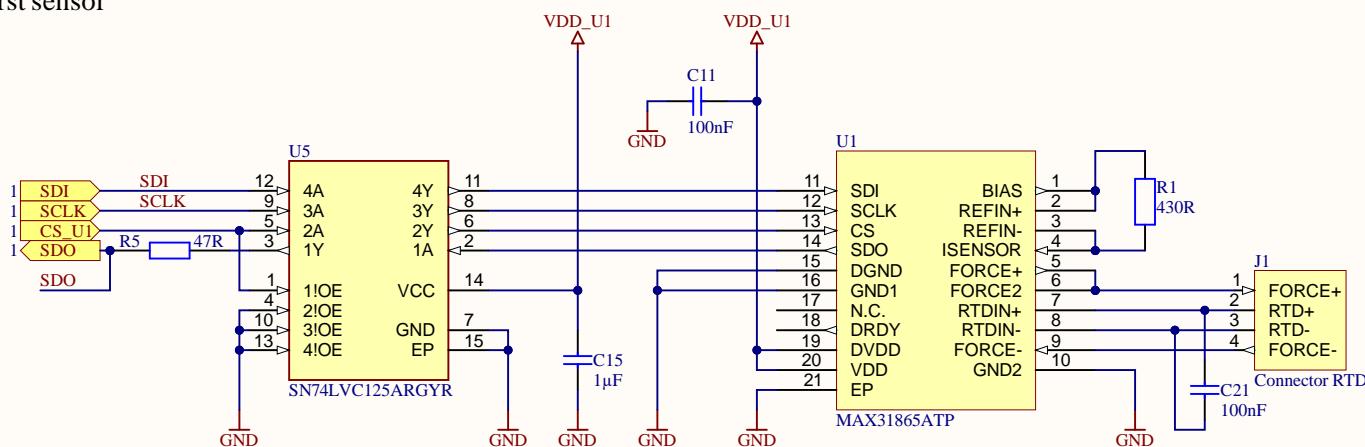
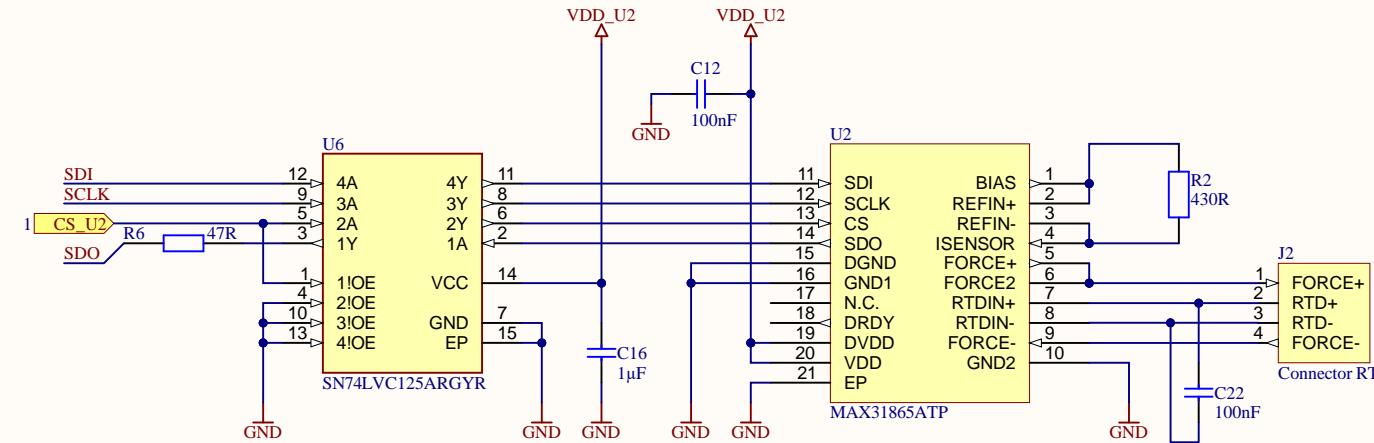


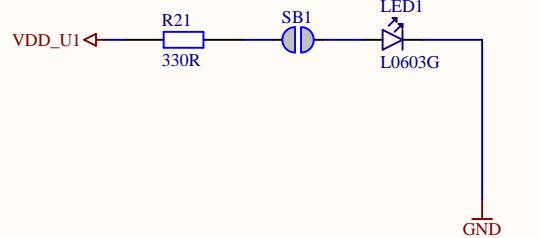
## First sensor



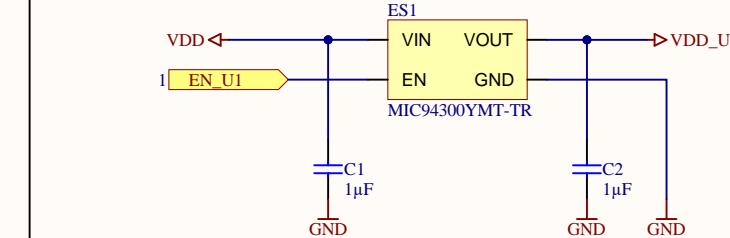
## Second sensor



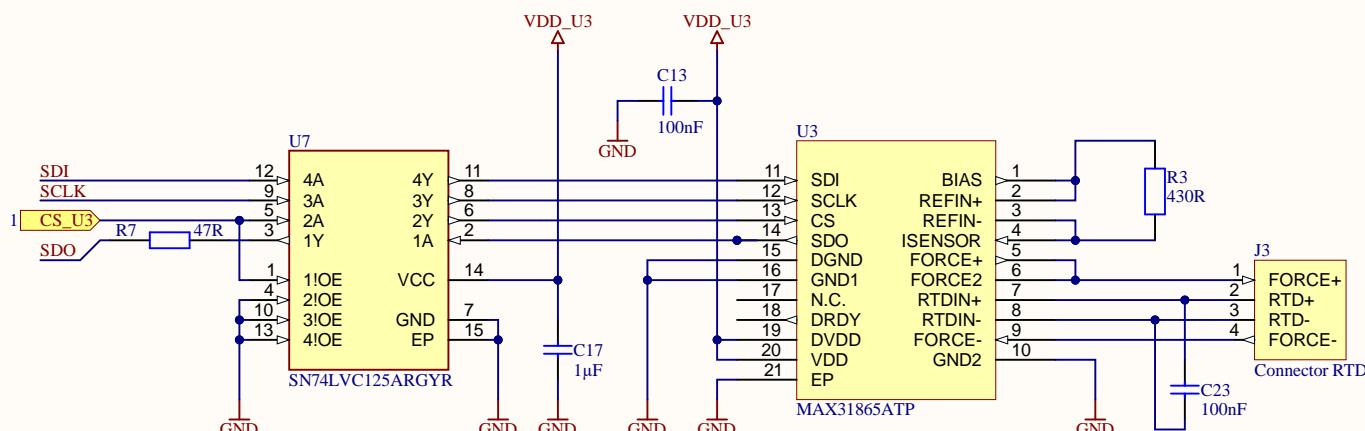
## Status LED



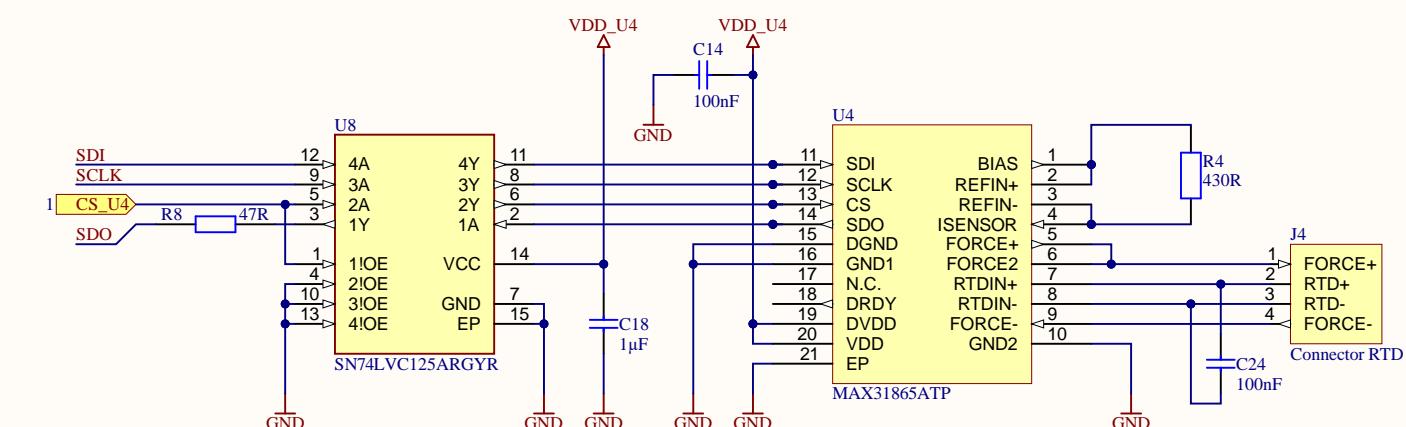
## Remote power control



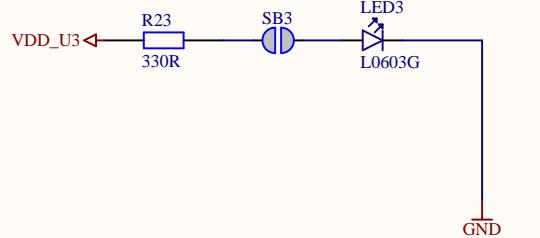
## Third sensor



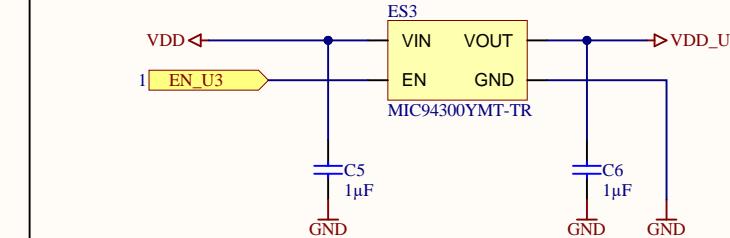
## Fourth sensor



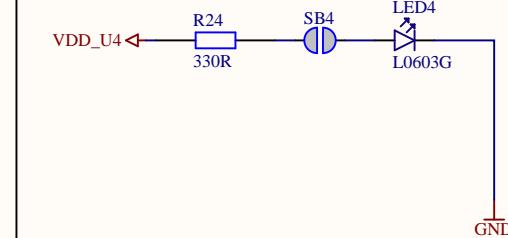
## Status LED



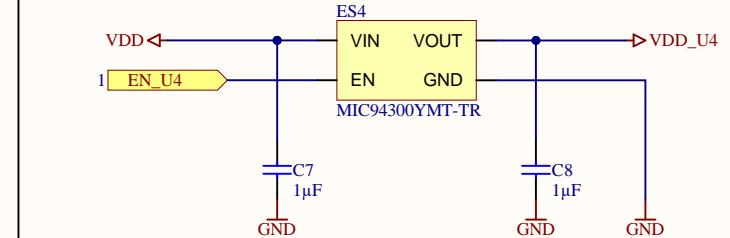
## Remote power control



## Status LED

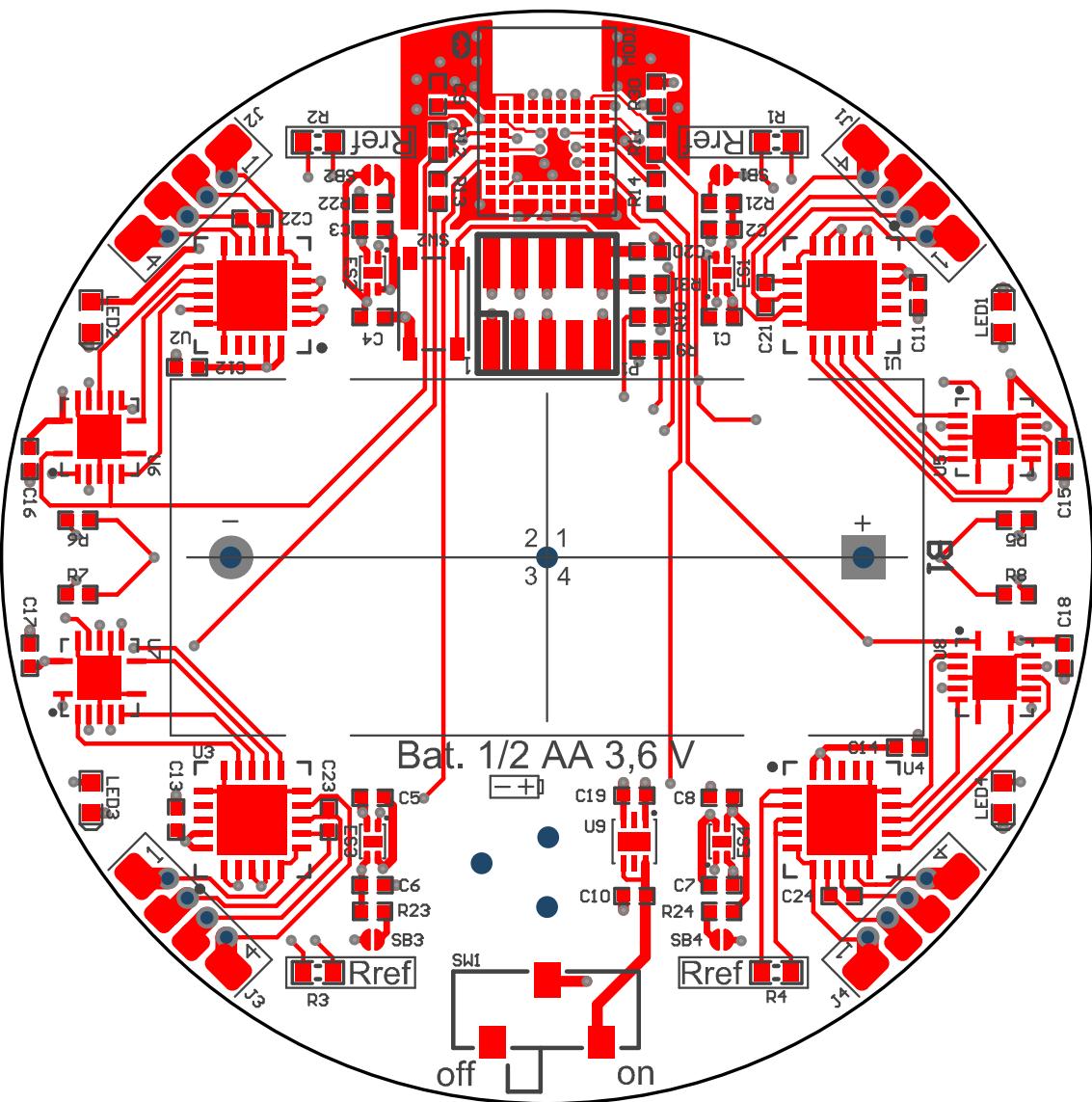


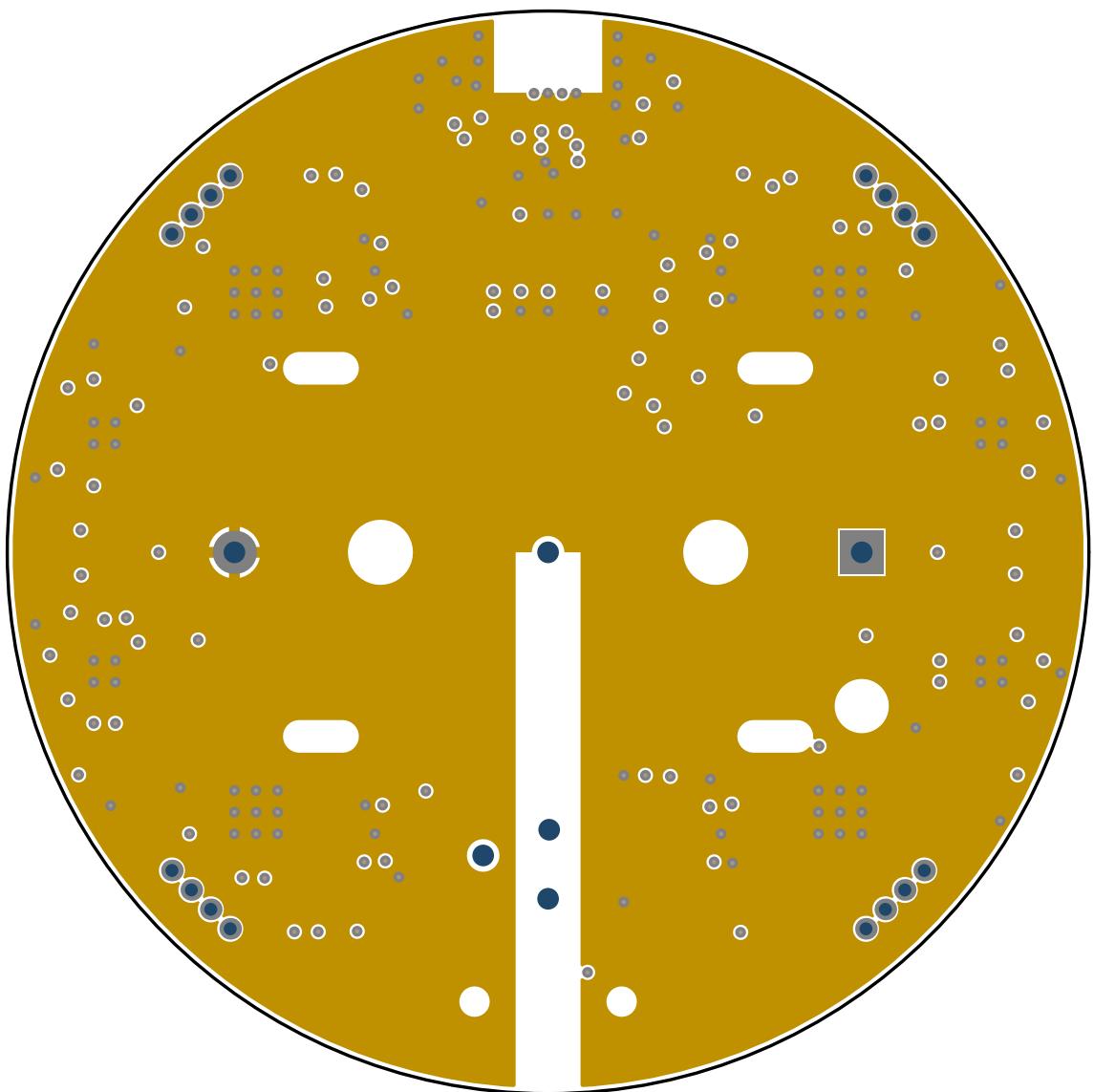
## Remote power control

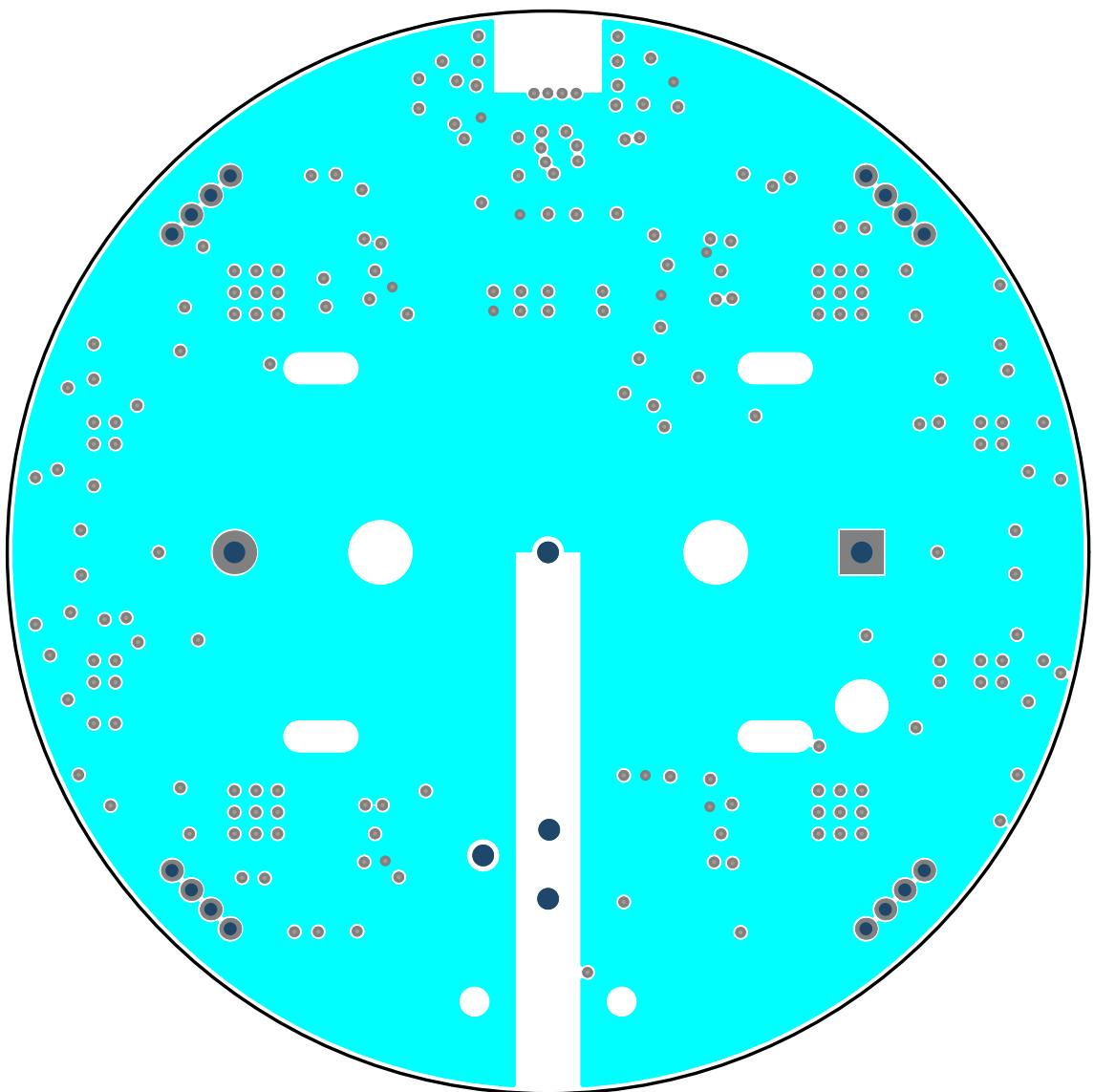


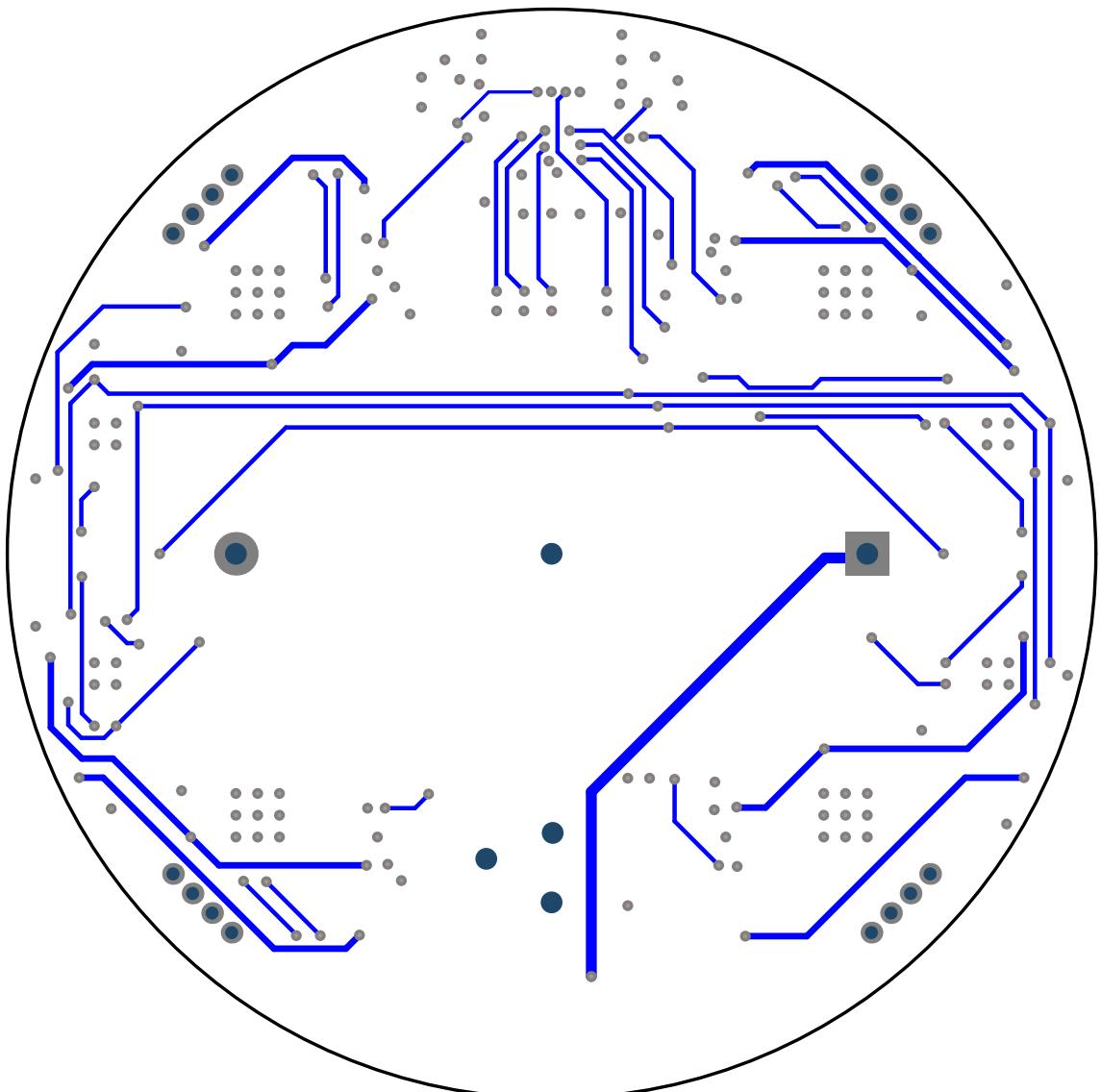
## Title

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Date: 4.11.2022	Sheet of	
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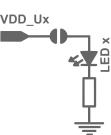


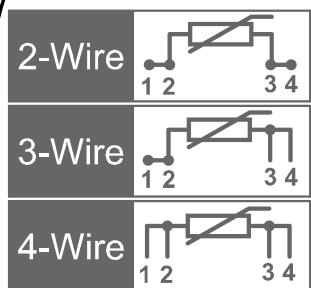


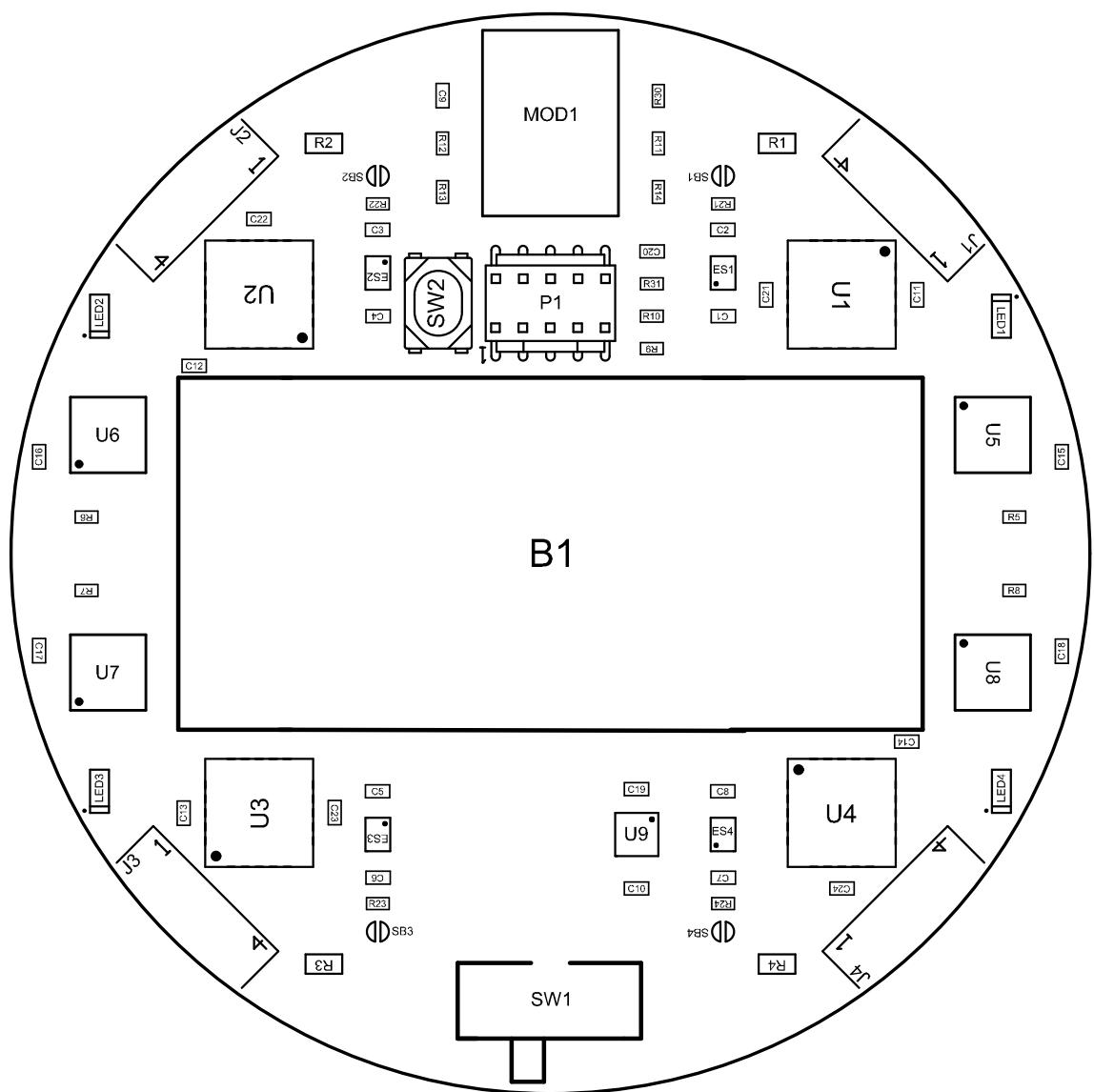


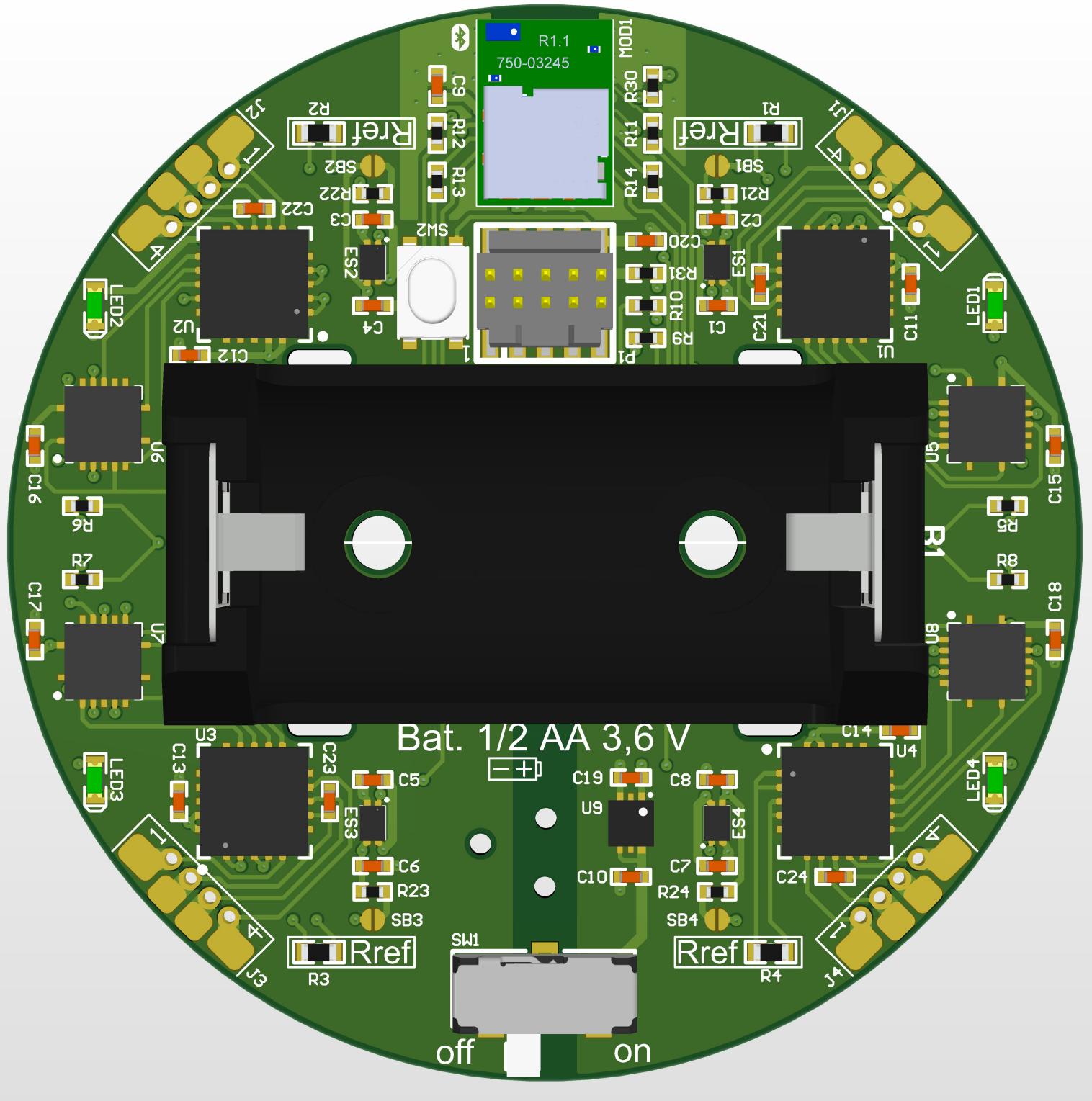


documentation:  
[www.vladimirpokorny.cz/thermometer](http://www.vladimirpokorny.cz/thermometer)

Function	Short	HW	Sensor	Rref
LED 1	SB 1			
LED 2	SB 2			
LED 3	SB 3			
LED 4	SB 4			



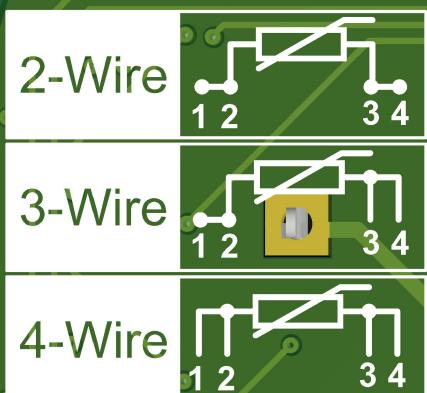


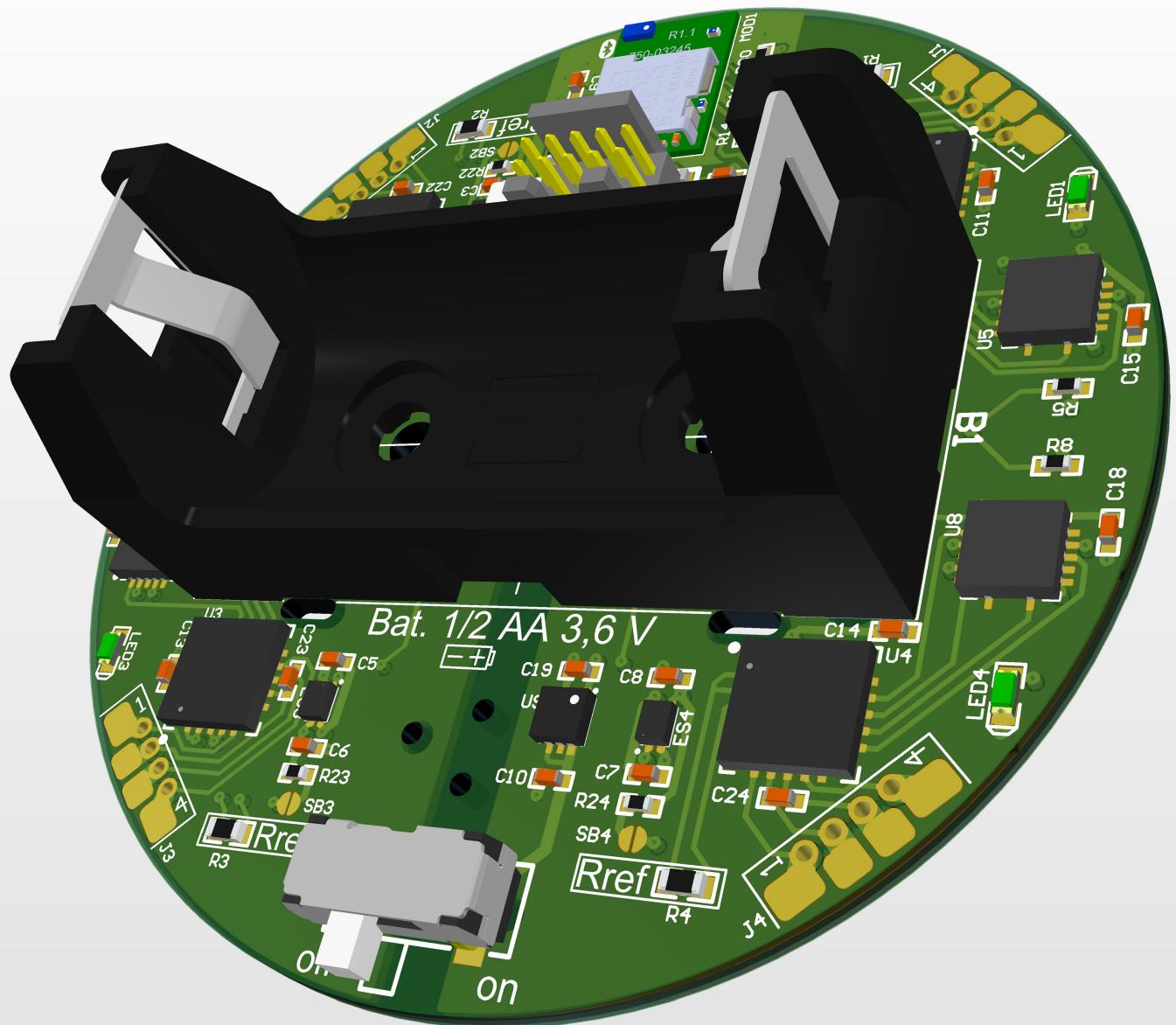


documentation:  
[www.vladimirpokorny.cz/thermometer](http://www.vladimirpokorny.cz/thermometer)

Function	Short	HW
LED 1	SB 1	●
LED 2	SB 2	●
LED 3	SB 3	●
LED 4	SB 4	●

Sensor	Rref
PT100	400 $\Omega$
PT1000	4000 $\Omega$





Designator	Comment	Quantity	Footprint	Value
B1	Keystone 108	1	Keystone 108	
C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C15, C16, C17, C18, C19	1μF	15	CAPC1005X04L	1μF
C11, C12, C13, C14, C20, C21, C22, C23, C24	100nF	9	CAPC1005X04L	100nF
ES1, ES2, ES3, ES4	MIC94300YMT-TR	4	MIC94300YMT-TR	
J1, J2, J3, J4	Connector RTD	4	CON-RTD	
LED1, LED2, LED3, LED4	L0603G	4	LED_0603_G	L0603G
MOD1	Laird, BL653u	1	Laird, BL653u	
P1	Pin Header 2x5, 1.27mm	1	HDR_2x5-SMD-1.27mm-K	Pin Header 2x5, 1.27mm
R1, R2, R3, R4	430R	4	RESR1608X06	430R
R5, R6, R7, R8, R9, R10	47R	6	RESC1005X04L	430R
R11, R12, R13, R14	100R	4	RESC1005X04L	100R
R21, R22, R23, R24	330R	4	RESC1005X04L	330R
R30, R31	10k	2	RESC1005X04L	10k
SW1	CL-SB-12A-12T	1	CL-SB-12A-12T	
SW2	PB SW	1	C&K PTS810	PB SW
U1, U2, U3, U4	MAX31865ATP	4	21-0140L_T2055-5_MXM-L	
U5, U6, U7, U8	SN74LVC125ARGYR	4	QFN50P350X350X100-15N	
U9	STLQ020PU33R	1	STLQ020PU33R	