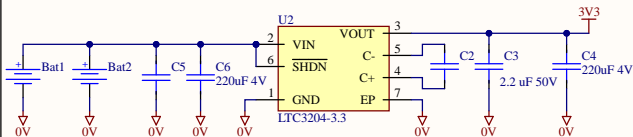
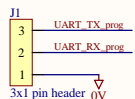


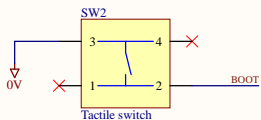
## Power Regulator



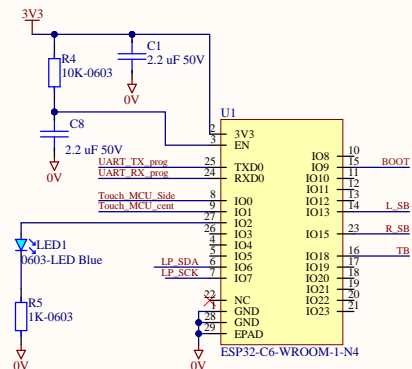
## UART Prog



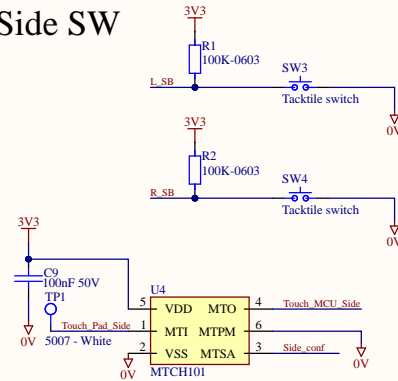
## Boot SW



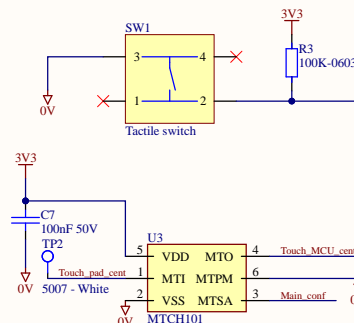
## MCU



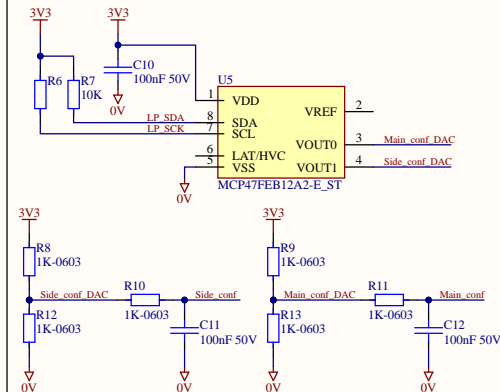
## Side SW



## Center SW



## Capacitive touch calibration



Project:  
St\_Olavs\_Alarm.PriPcb

Title:  
St\_Olavs\_Alarm\_2.SchDoc

Revision:

Designer:

Sheet number:  
1 out of

Date:  
07/03/2024



Comment	Description	Designator	Footprint	LibRef	Quantity
Bat Holder L-KLS5-CR2032-23-B1	Bat Holder CR2032 SMD	Bat 1, Bat2	L-KLS5-CR2032-23-B1	CMP-023-000003.0.1	2
2.2 uF 50V	2.2uF 10V 0603	C1	Capacitor 0603	CAP 2.2uF	1
2.2 uF 50V	2.2uF 10V 0603	C2, C3, C8	0603 Capacitor	CAP 2.2uF	3
220uF 4V	220uF 4V 1206	C4, C5, C6	1206 CAPC3216X190N	CAP 220uF	3
100nF 50V	100nF 50V 0603	C7, C9, C10, C11, C12	0603 Capacitor	CAP 100nF	5
3x1 pin header	2.54mm pitch	J1	Pin Header 1x3 TH Pitch 2.54mm	CMP-001-A02-7	1
0603-LED Blue		LED1	0603-Diode LED, Blue	0603-LED Blue	1
100K-0603	Res 100K Ohm Thick Film 0603 1% 1/10W ±100ppm/°C Molded SMD SMD Paper T/R	R1, R2, R3	0603 RESISTOR	CMP-009-00186-5_1	3
10K-0603	Res 10K Ohm Thick Film 0603 1% 1/10W ±100ppm/°C Molded SMD SMD Paper T/R	R4, R6	0603 RESISTOR	CMP-009-00186-5	2
1K-0603	Res 1K Ohm Thick Film 0603 1% 1/10W ±100ppm/°C Molded SMD SMD Paper T/R	R5, R8, R9, R10, R11, R12, R13	0603 RESISTOR	CMP-009-00186-5_1_1	7
10K	Res 10K Ohm Thick Film 0603 1% 1/10W ±100ppm/°C Molded SMD SMD Paper T/R	R7	0603 RESISTOR	CMP-009-00186-5	1
Tactile switch	Tactile switch SMD Longer Neck	SW1	430182080816	Tactile switch Big	1
Tactile switch	Tactile switch SMD Mount	SW2	TE connectivity part no. 2-1437565-8	Tactile switch SMD	1
Tacktile switch	KSS241GLFS	SW3, SW4	KSS241GLFS	KSS241GLFS	2
5007 - White	KEYSTONE - 5007 - TESTPOINT, THT, WHITE	TP1, TP2	5006-Footprint-1	CMP-00049-A.2	2
ESP32-C6-WROOM-1-N4	Multiprotocol Modules ESP32-C6 module, Wi-Fi 6 in 2.4 GHz band, Bluetooth 5, Zigbee 3.0 and Thread. ESP32-WROOM Compatible	U1	ESP32-C6-WROOM-1-N4-Footprint-1	CMP-020-00028-2	1
LTC3204-3.3		U2	LTC3204	LTC3204-3.3	1
MTCH101	Capasitive touch sensor	U3, U4	SOT95P270X145-6N	MTCH101-I_OT	2
MCP47FEB12A2-E_ST	Integrated Circuit	U5	SOP65P640X120-8N	MCP47FEB12A2-E_ST	1