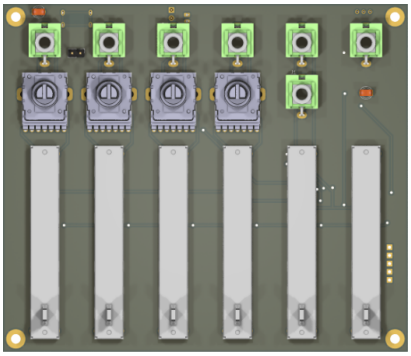
Mixerli

Battery powered 10 channel (4x2 + 1x2) stereo mixer featuring stereo input level control slider and stereo rotary aux send level control.

Builder's Guide for v2.0
Homepage: github.com/stahlnow/mixerli



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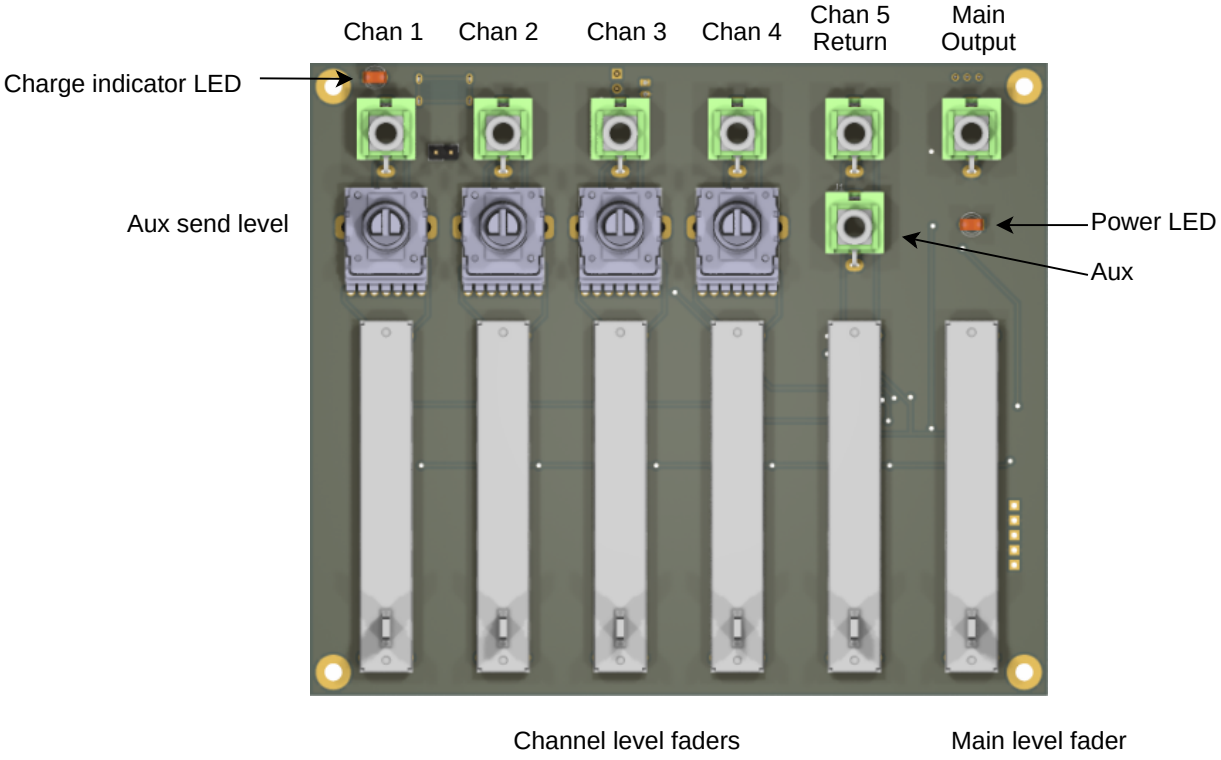
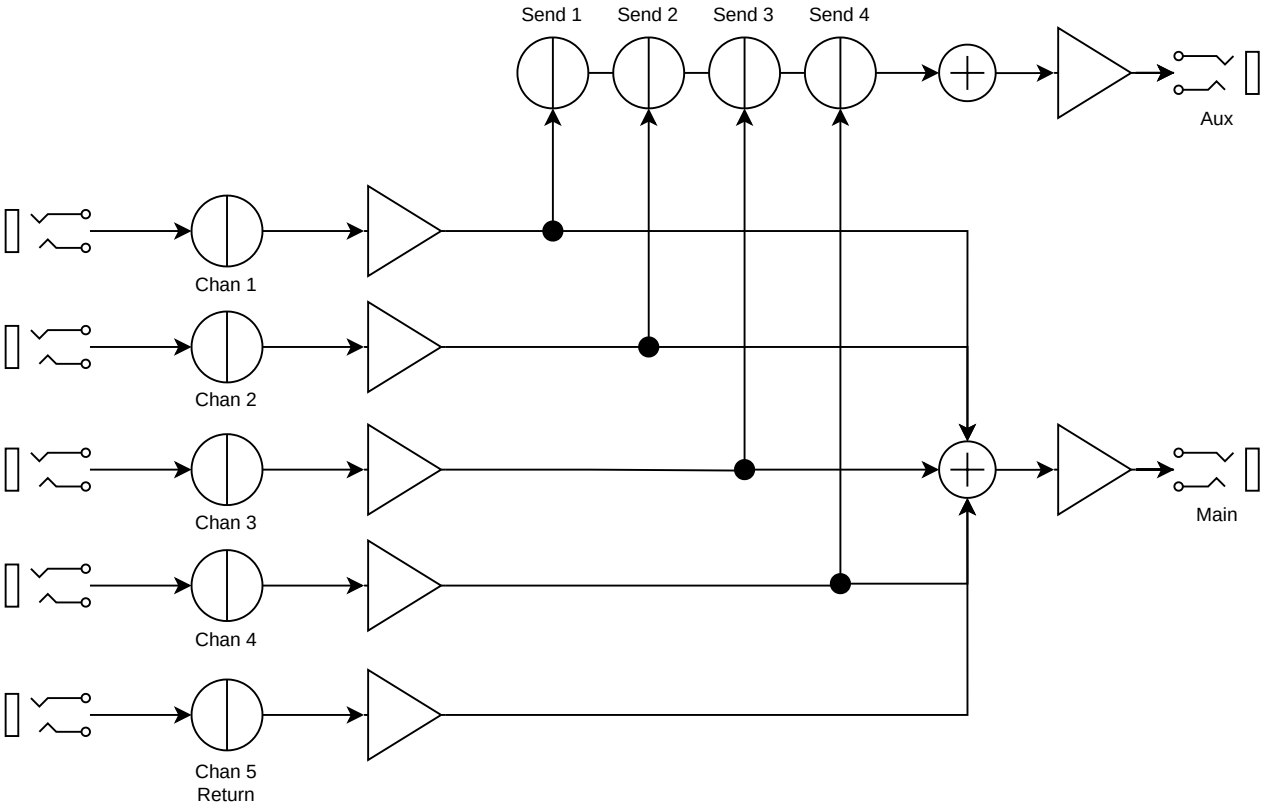
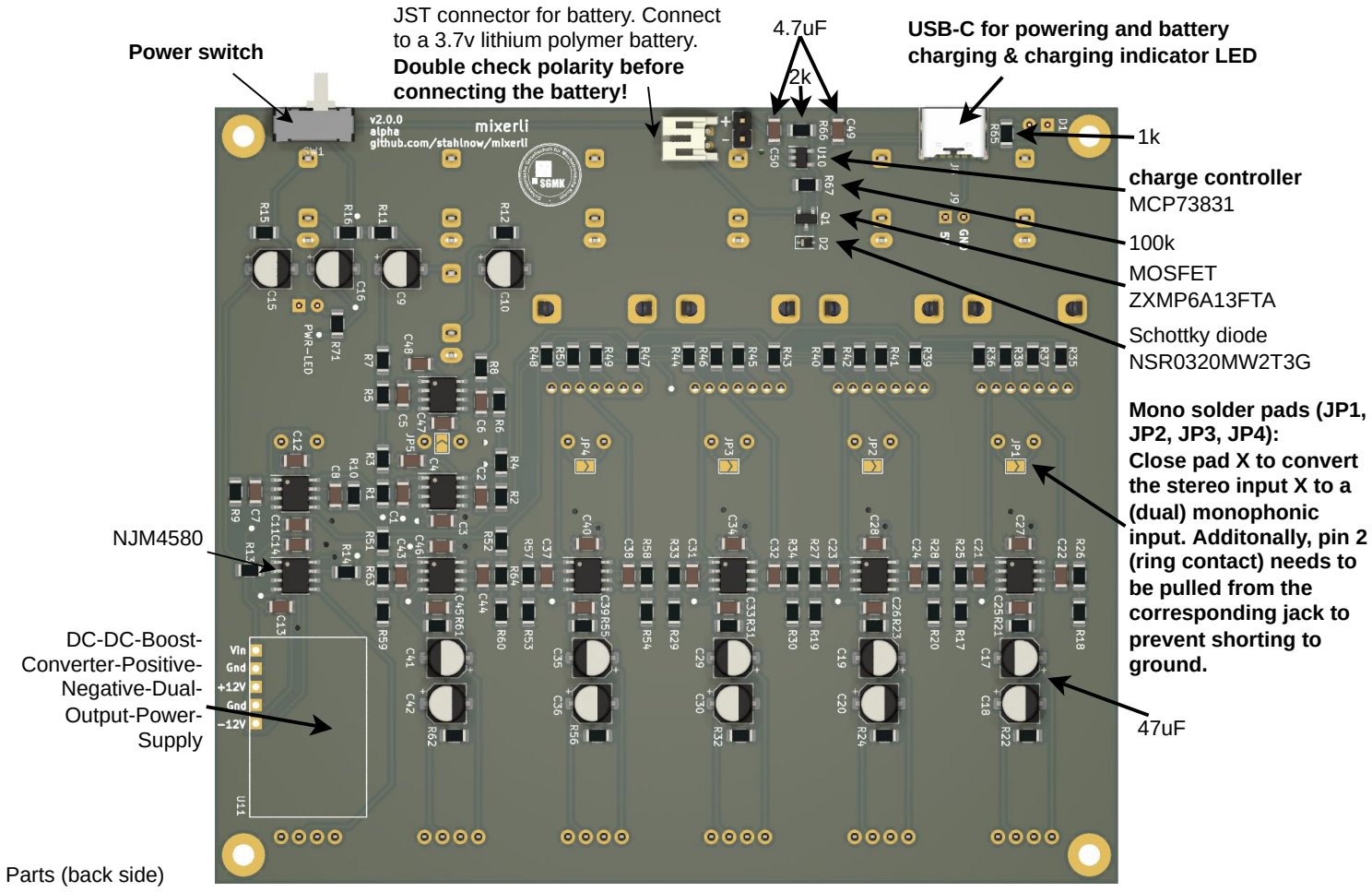
Operation


Chan 1
Chan 2
Chan 3
Chan 4
Chan 5 Return
Main Output
Charge indicator LED
Aux send level
Power LED
Aux
Channel level faders
Main level fader


Send 1
Send 2
Send 3
Send 4
Aux
Chan 1
Chan 2
Chan 3
Chan 4
Chan 5 Return
Main

Pick & Place



Parts (back side)

1	C3, C4, C11, C12, C13, C14, C25, C26, C27, C28, C33, C34, C39, C40, C45, C46, C47, C48	100nF	18
2	C1, C2, C5, C6, C7, C8, C21, C22, C23, C24, C31, C32, C37, C38, C43, C44	47pF	16
3	C17, C18, C19, C20, C29, C30, C35, C36, C41, C42, C9, C10, C15, C16	47uF	14
4	C49, C50	4.7uF	2
5	R1, R2, R3, R4, R5, R6, R9, R10, R17, R18, R19, R20, R25, R26, R27, R28, R29, R30, R33, R34, R35, R36, R37, R38, R39, R40, R41, R42, R43, R44, R45, R46, R47, R48, R49, R50, R51, R52, R53, R54, R57, R58, R59, R60, R63, R64, R71	10k	47
6	R21, R22, R23, R24, R31, R32, R55, R56, R61, R62	47k	10
7	R11, R12, R15, R16, R67	100k	5
8	R7, R8, R13, R14	100	4
9	R65	1k	1
10	R66	2k	1
11	D2	NSR0320MW2T3G	1
12	U1, U2, U3, U4, U5, U6, U7, U8, U9	NJM4580	9
13	U10	MCP73831	1
14	U11	DC-DC-Boost-Converter-Positive-Negative-Dual-Output-Power-Supply	1
15	SW1	SSSS916400	1
16	Q1	ZXMP6A13FTA	1
17	J8	UJC-HP-3-SMT-TR	1
18	J10	JST_PH_S2B-PH-K_1x02_P2.00mm_Horizontal	1