

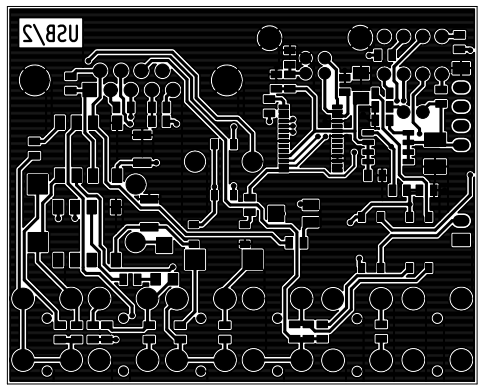
USB/sound card galvanically
isolated interface between PC and TRX
desing by OK1ZIA modified OK2JTB

Sheet:
File: usbinterface.kicad_pcb

Title: USBINTERFACE

Size: A4 Date:
KiCad E.D.A. kicad 4.0.2--stable

Rev: 3
Id: 1/1



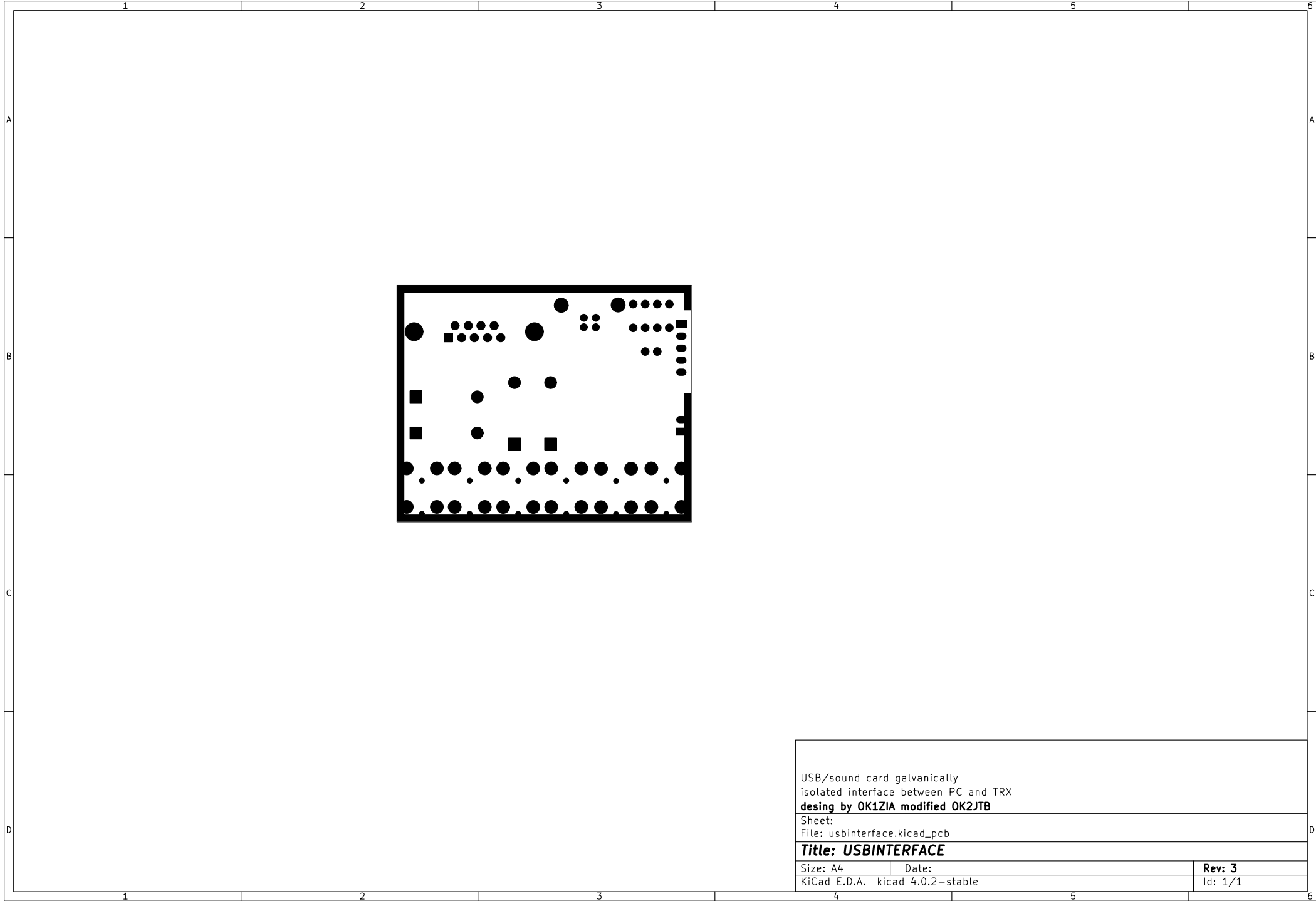
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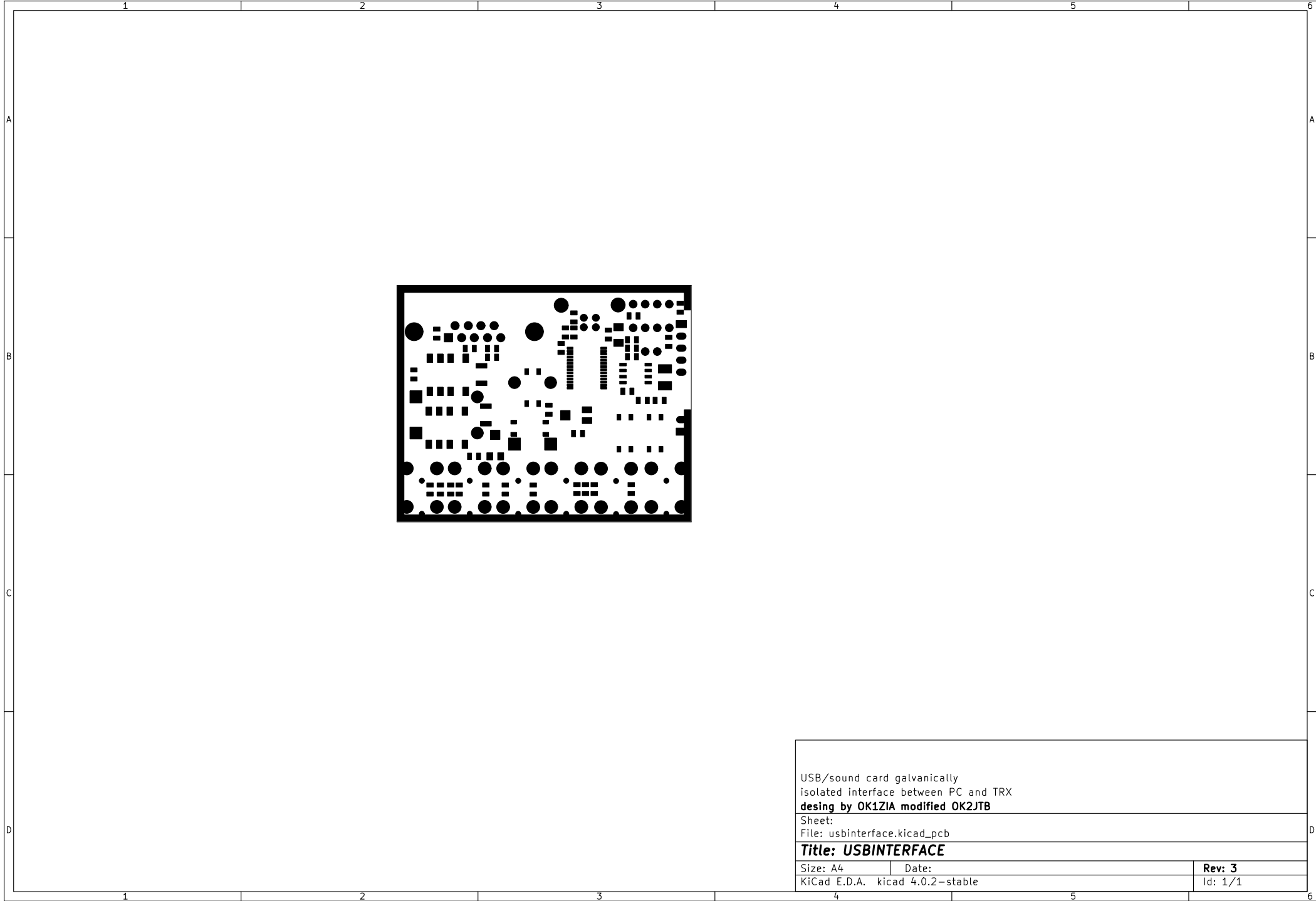
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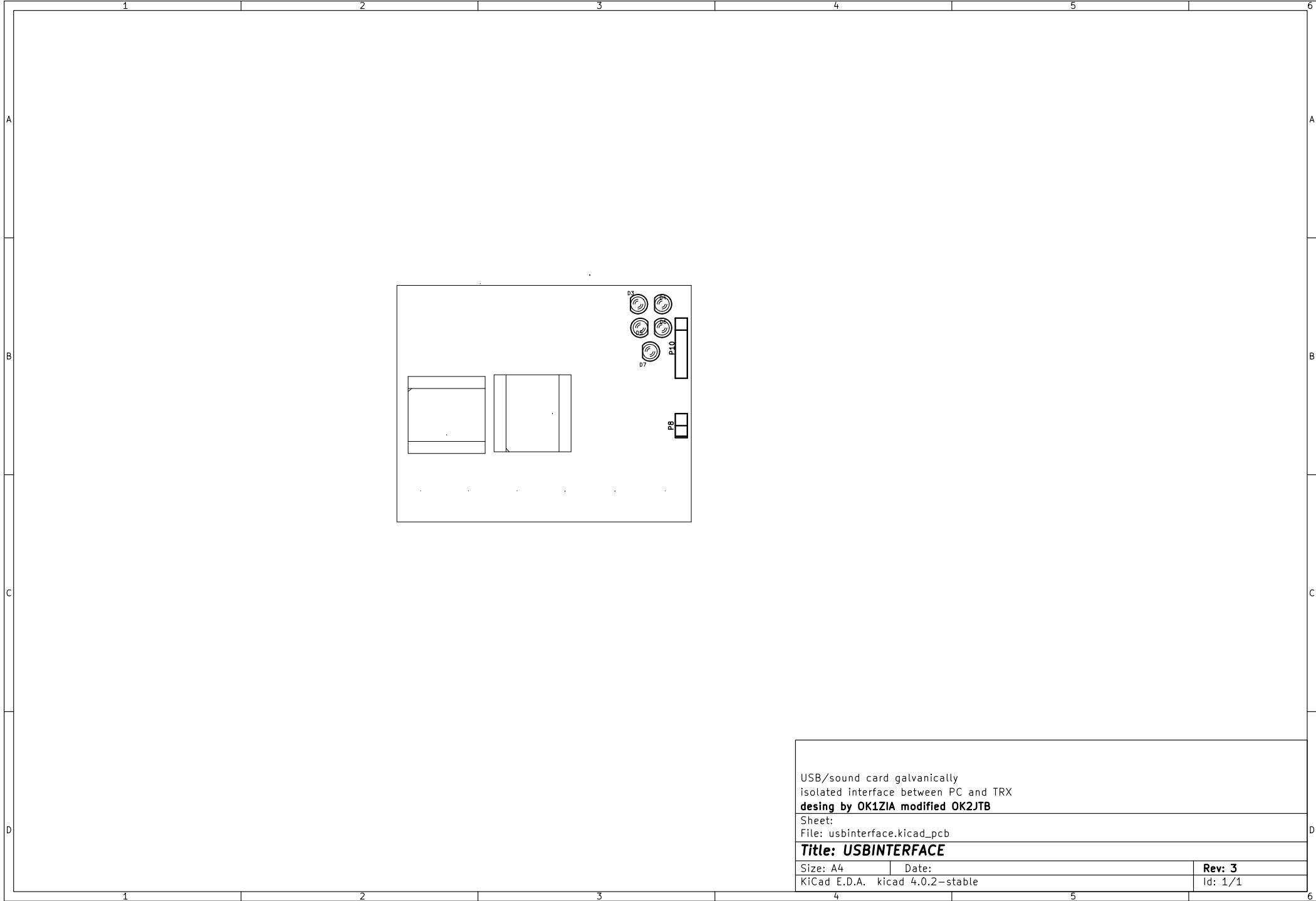
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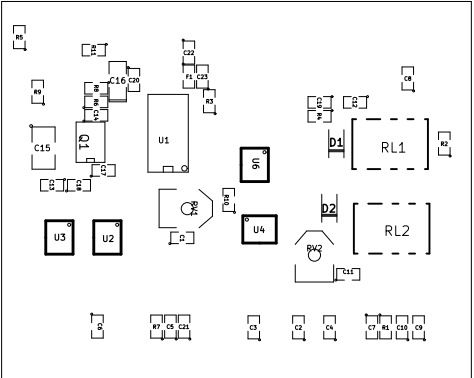
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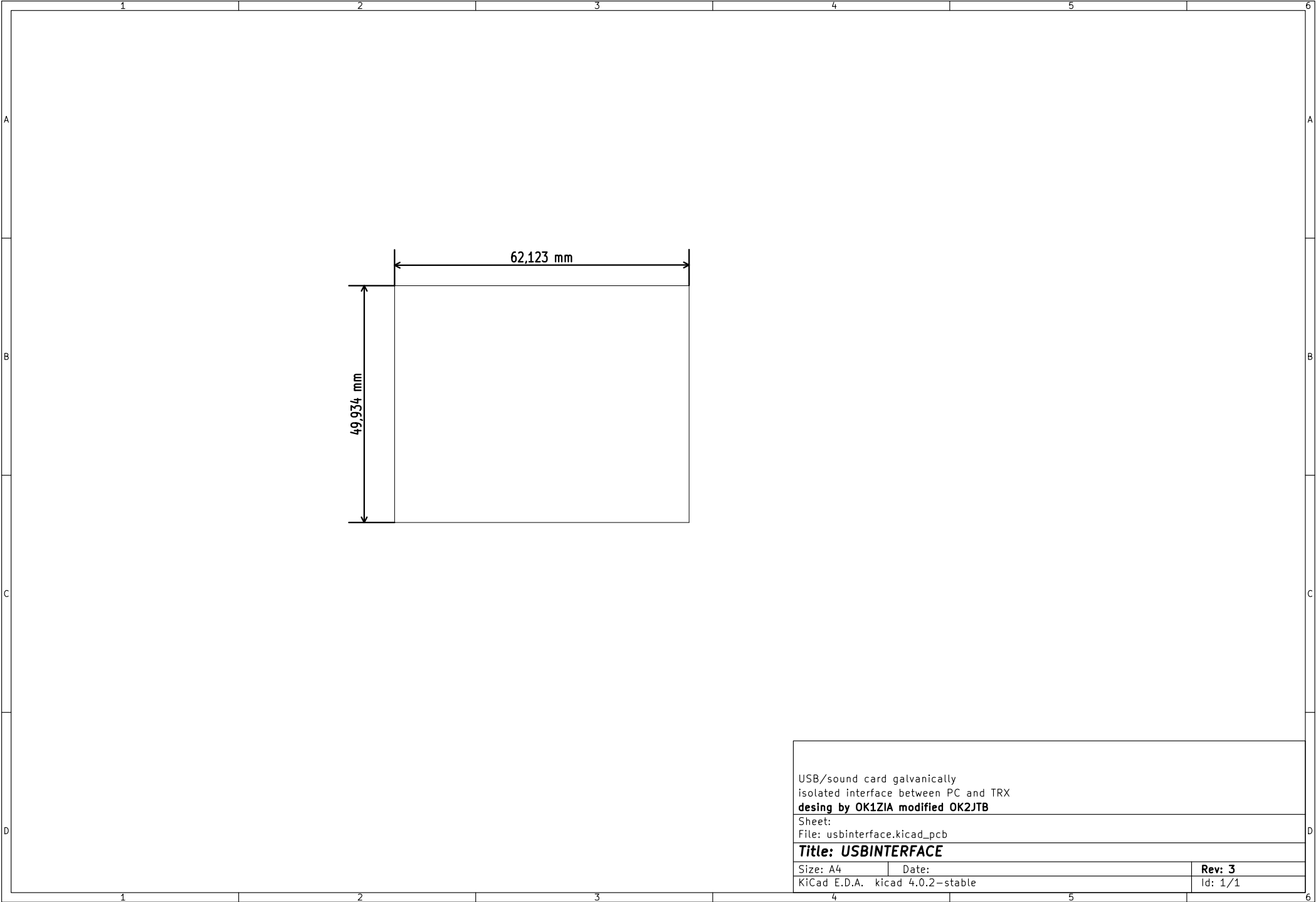
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usbinterface

Id	Označení	Pouzdro	Počet	Označení	Výrobce		Lze koupit
1	P8	pin_strip_2	1	CONN_2		PST 1.0/x-3.5	Farnell
2	RL1,RL2	relay-G6K-2F-Y	2	RSM822	AXICOM	IM03GR	Farnell
3	U3,U2,U6,U4	MFSOP6	4	TLP127	Toshiba		Farnell
4	T2,T1	TRANSF-TELECOM	2	TRANSFO	vypájeno modemu		
5	P2,P1,P4,P5,P3,P6	JACK35S	6	JACK35ST		MX-387GL	Farnell
6	P11	USB_B	1	USB			GME
7	P7	DB9FC	1	DSUB9F			GME
8	RV1,RV2	POT_CMS	2	TS53YJ-500R	Vishay		Farnell
9	D2,D1	sod80	2	BAT46			GME
10	U1	SSOP28	1	FT232RL			Farnell
11	Q1	SO8E	1	IRF7220			Farnell
12	C15	SM1210L	1	100uF/10V	AVX	SMD B	
13	C16	SM1206POL	1	4.7uF/16V		SMD A	
14	F1	SM0805	1	742792097	WE		Farnell
15	C23,C13,C18,C17,C20	SM0805	5	100n			
16	R2	SM0805	1	0R0			
17	R1	SM0805	1	100R			
18	R9,R5,R8,R10,R11	SM0805	5	560R			
19	C14,C21,C19,C4,C8,C7,C5,C3,C10,C6,C12	SM0805	11	1n			
20	R6	SM0805	1	3k9			
21	R7,R4	SM0805	2	10R			
22	R3	SM0805	1	1k			
23	C22	SM0805	1	10n			
24	P10	pin_strip_5	1	HEADER_5		PST 1.0/x-3.5	Farnell
25	C9,C11,C1,C2	SM0805	4	1u	AVX,Murata		Farnell
26	D5,D6,D7,D3,D4	LED-3MM	5	LED		2xG, 2xR, 1xY	