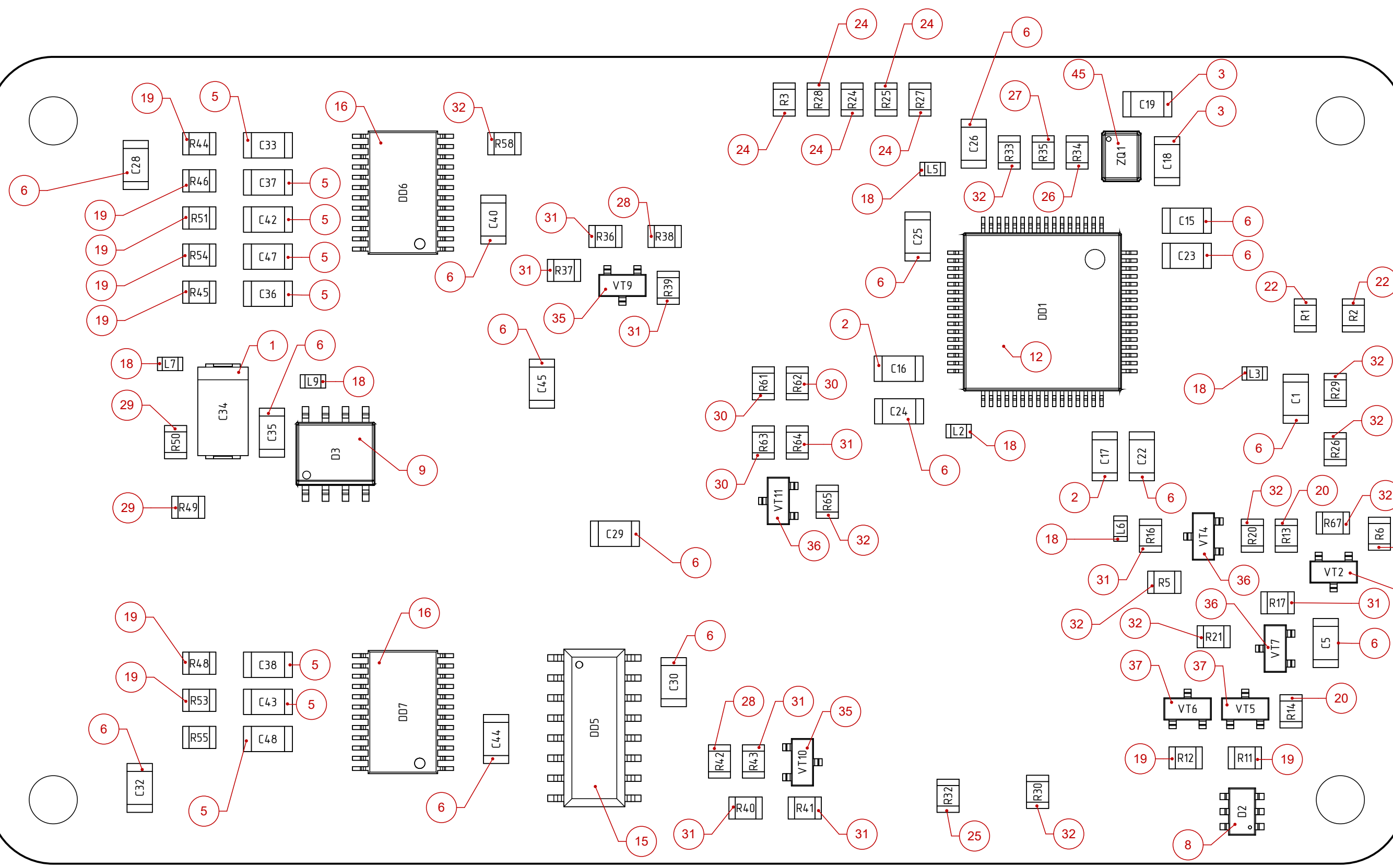






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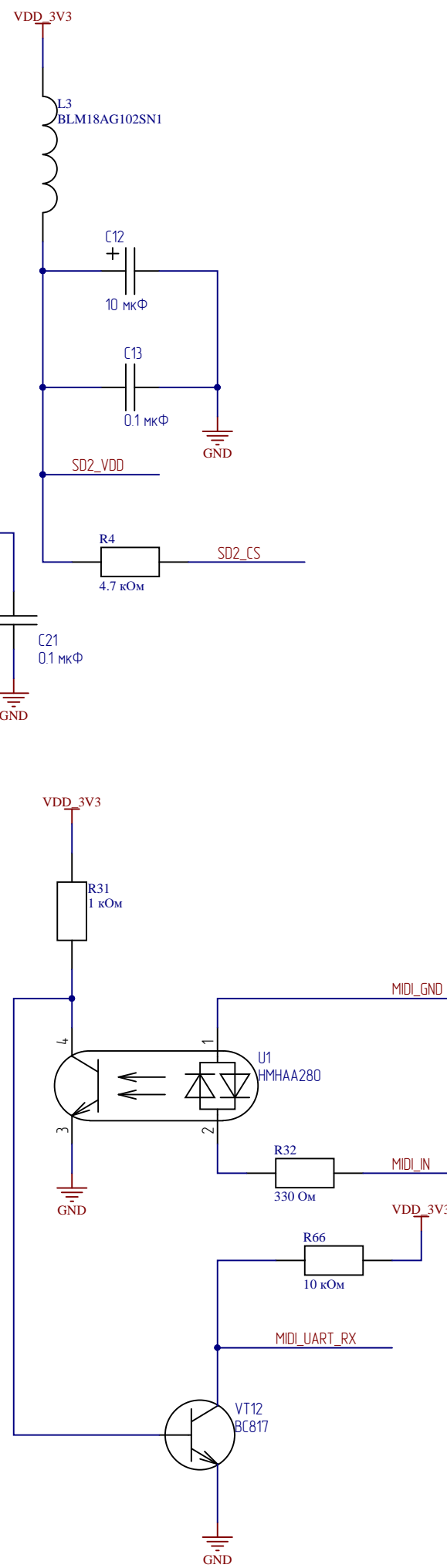
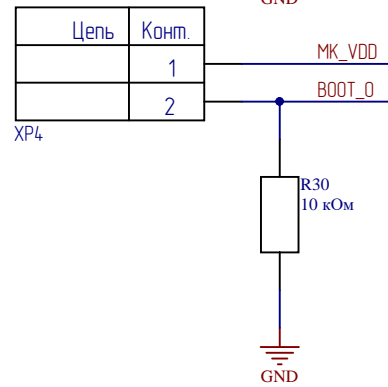
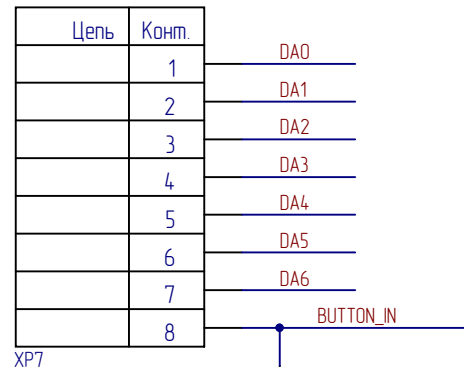
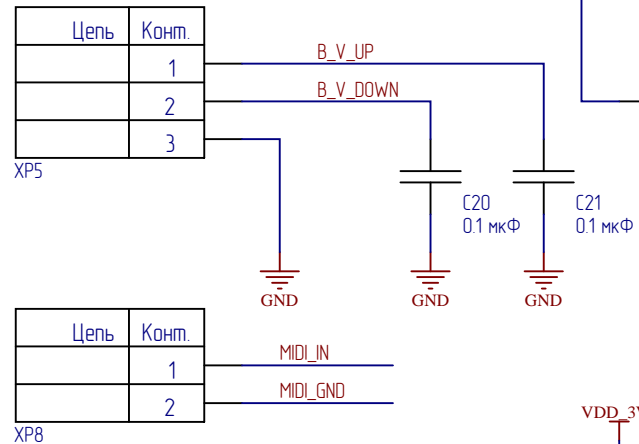
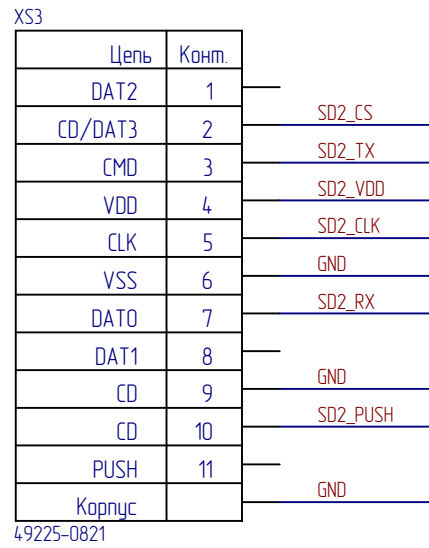
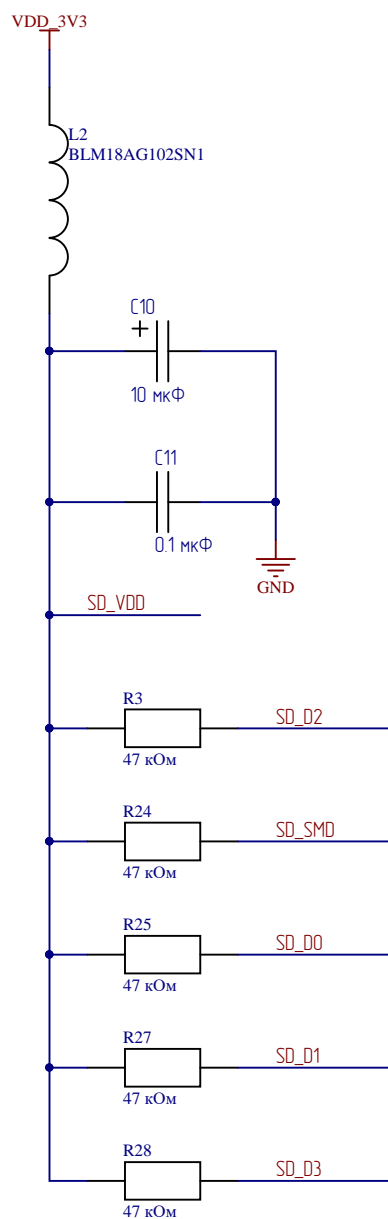
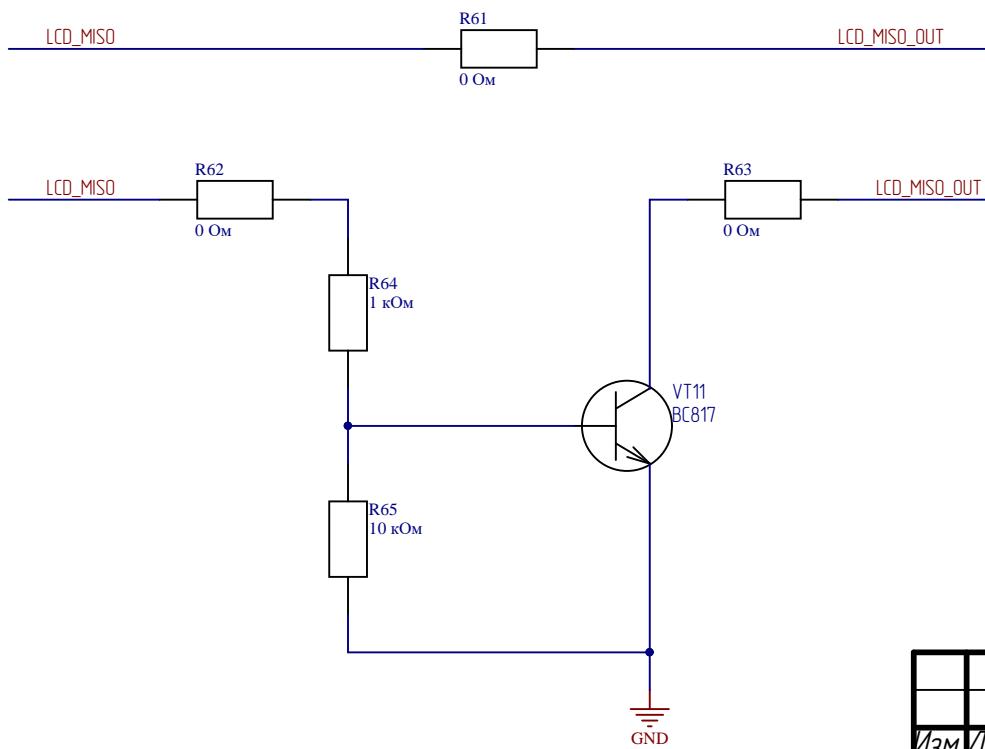
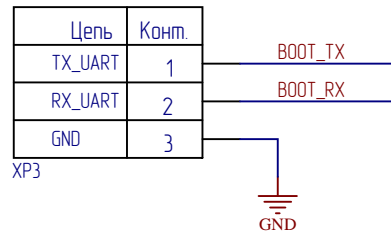
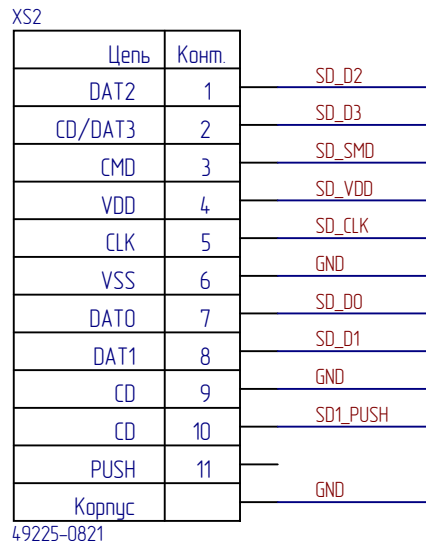
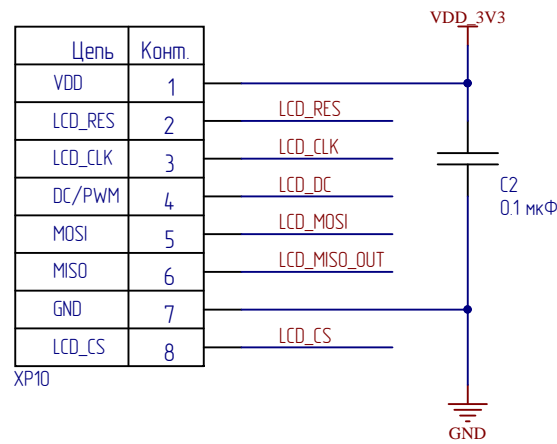
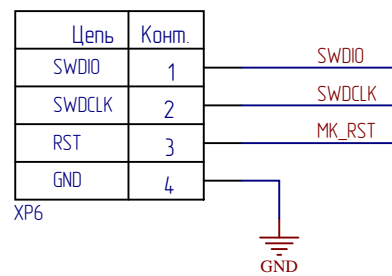
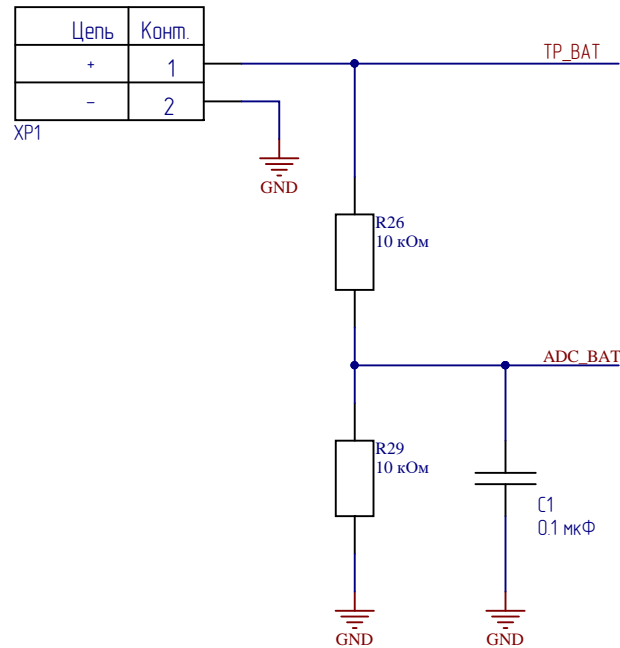
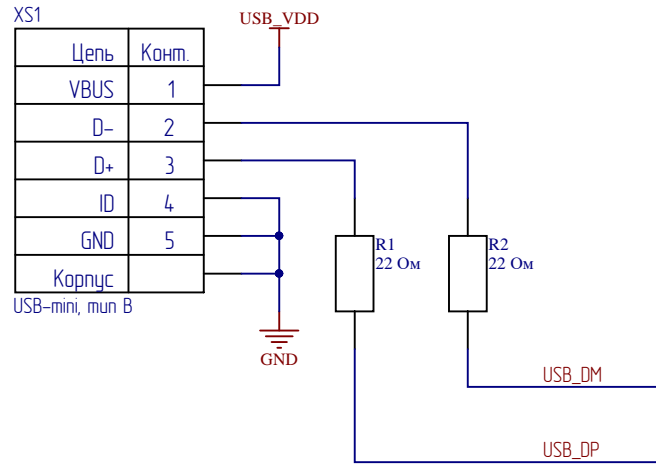


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Подп. и дата	Подп. и дата

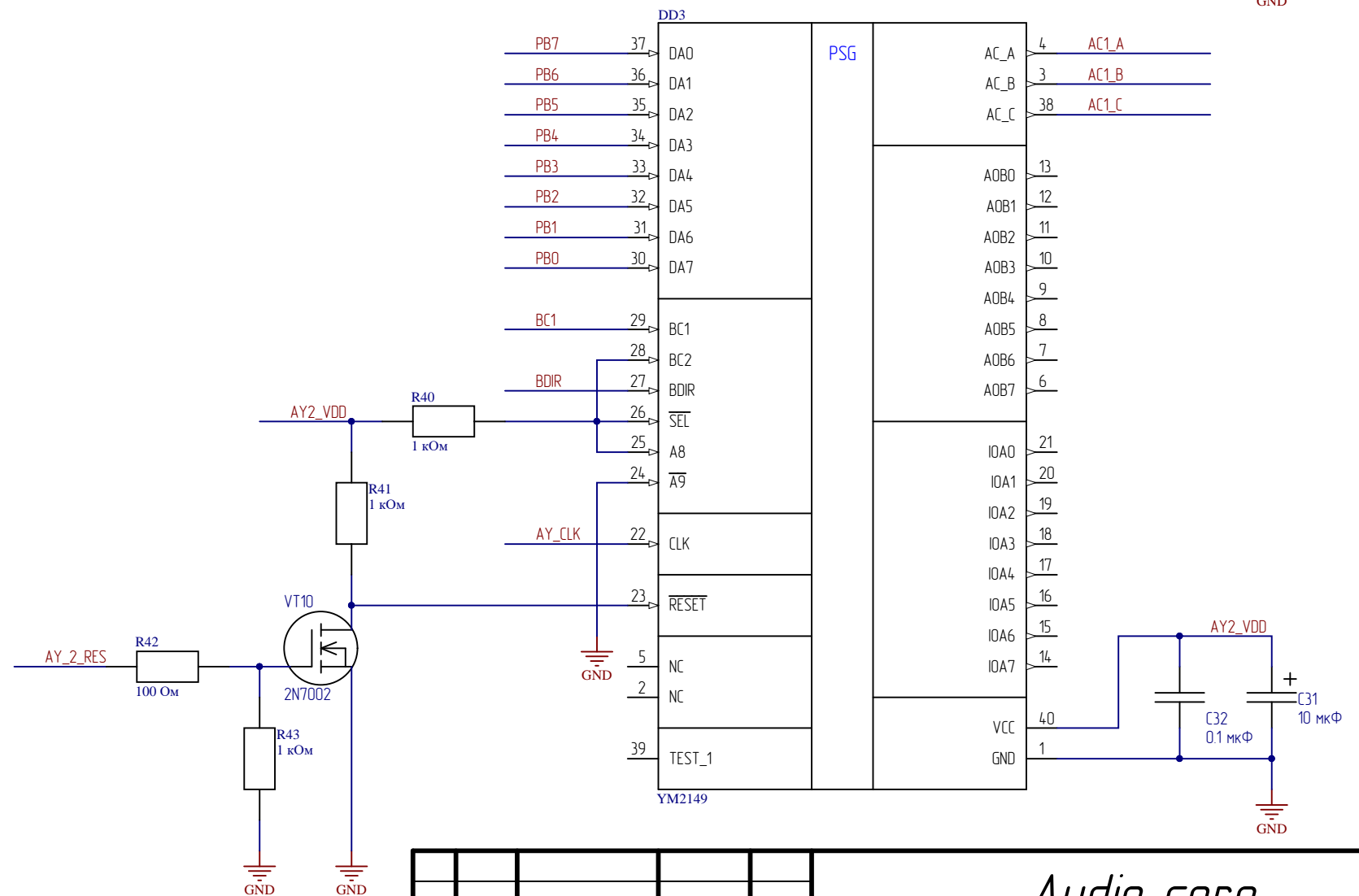
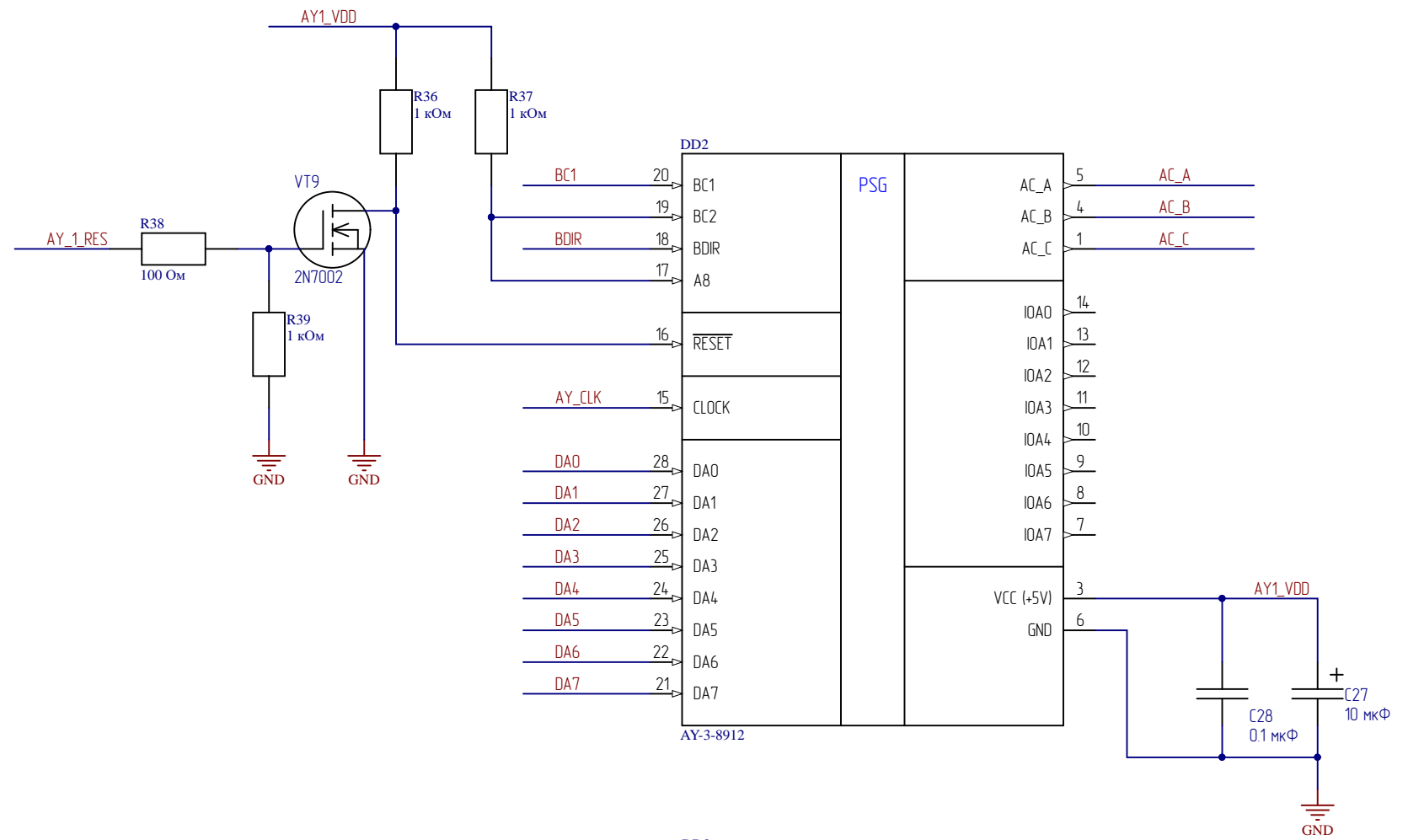
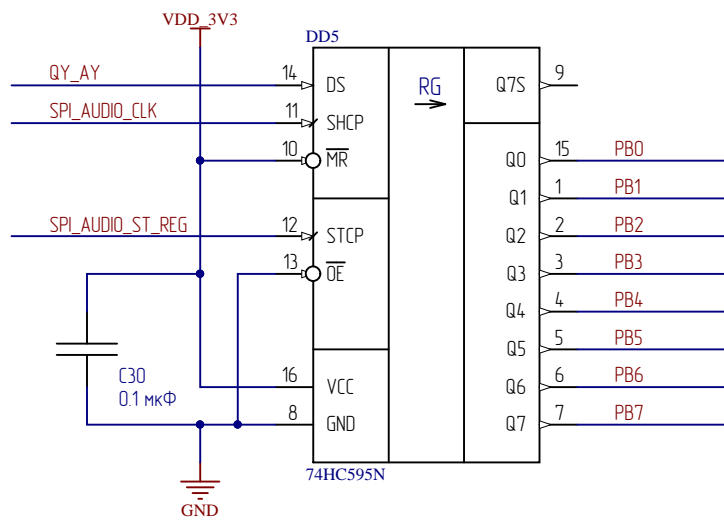
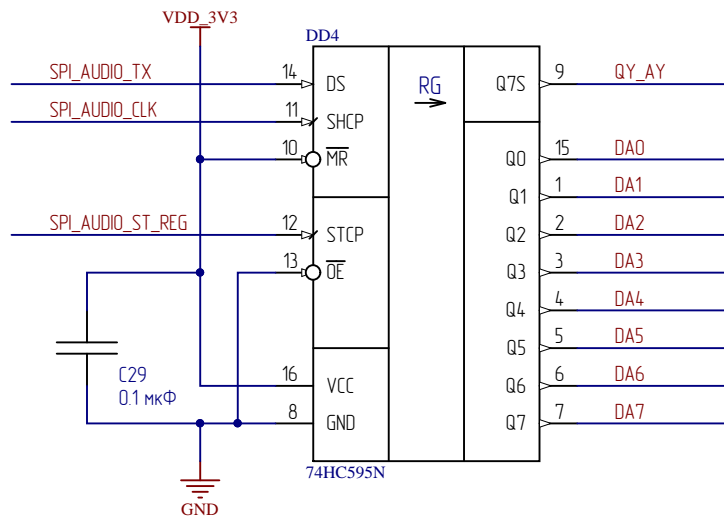
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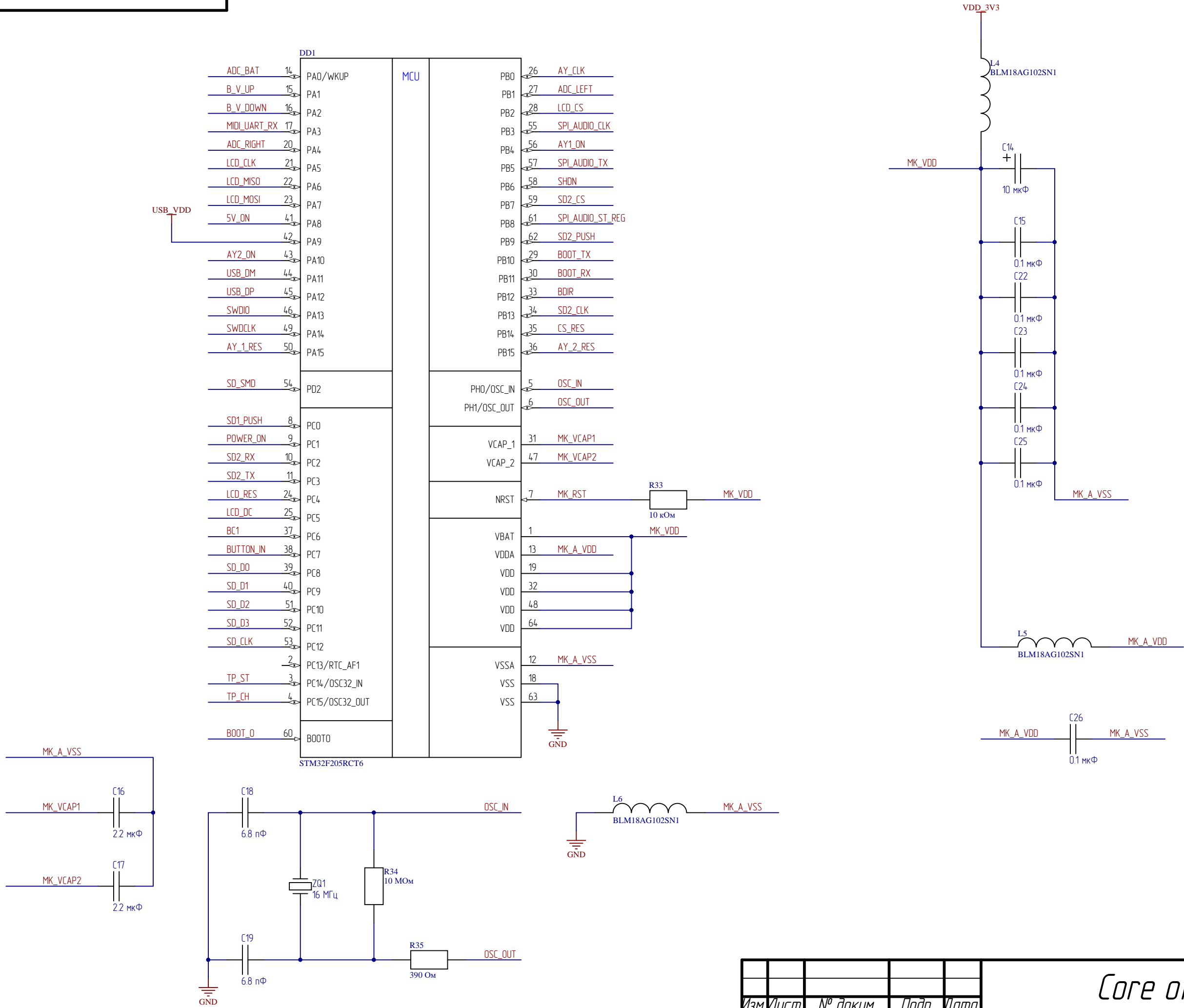
Connectors







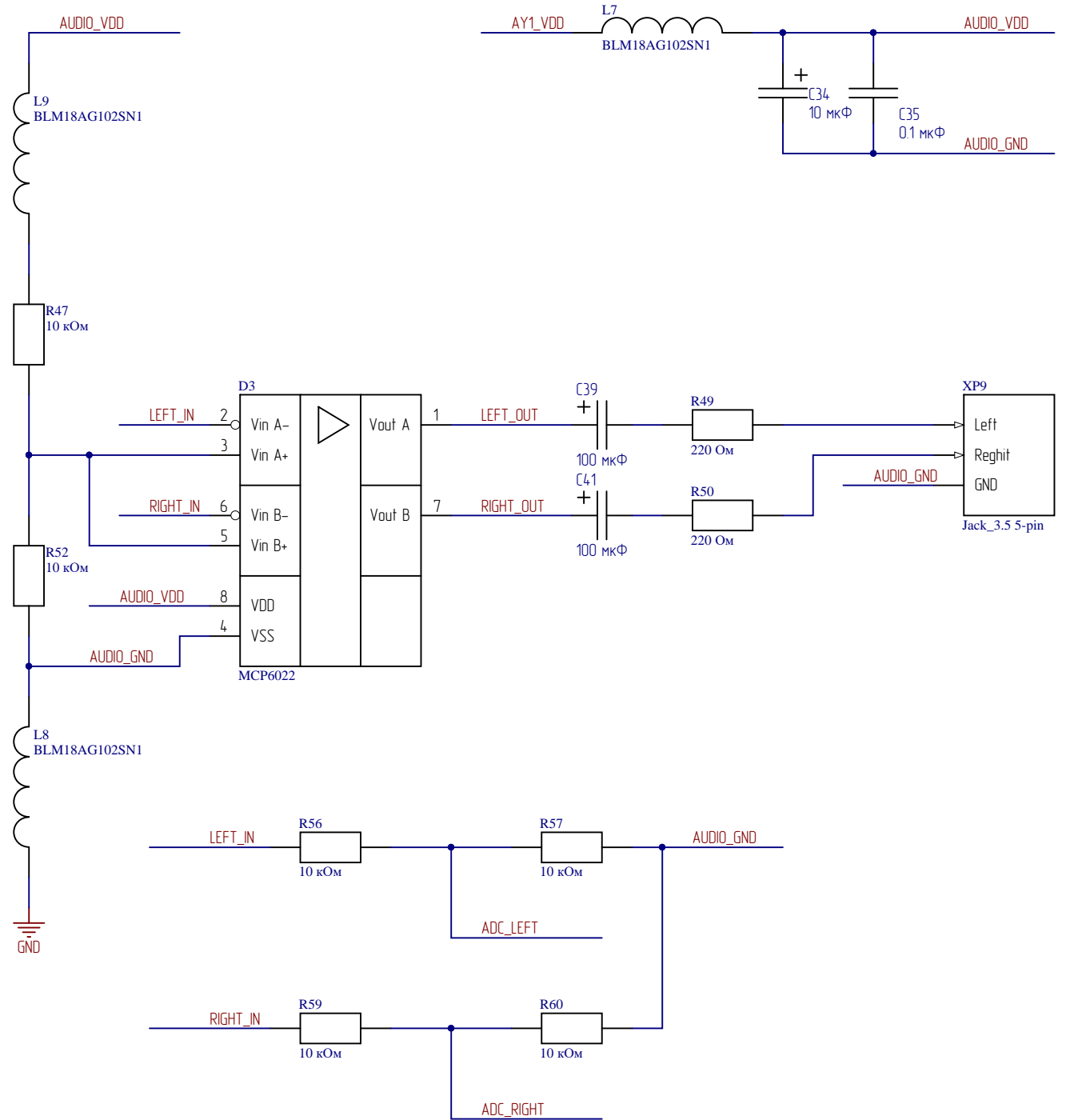
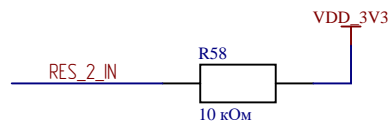
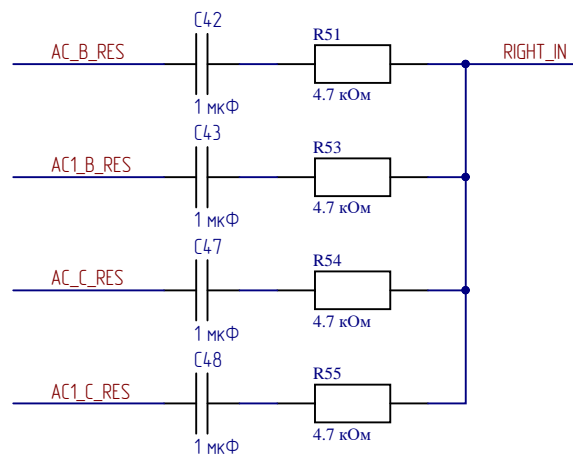
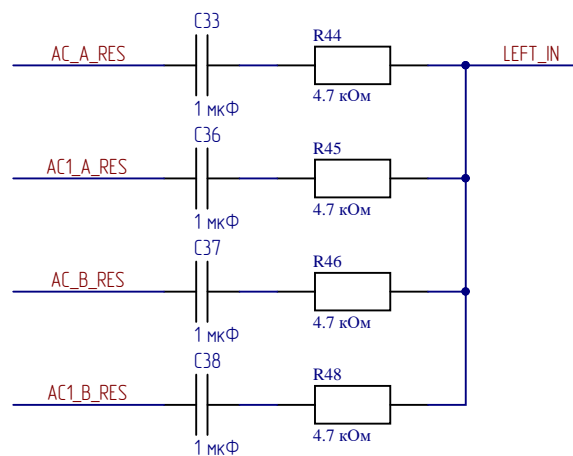
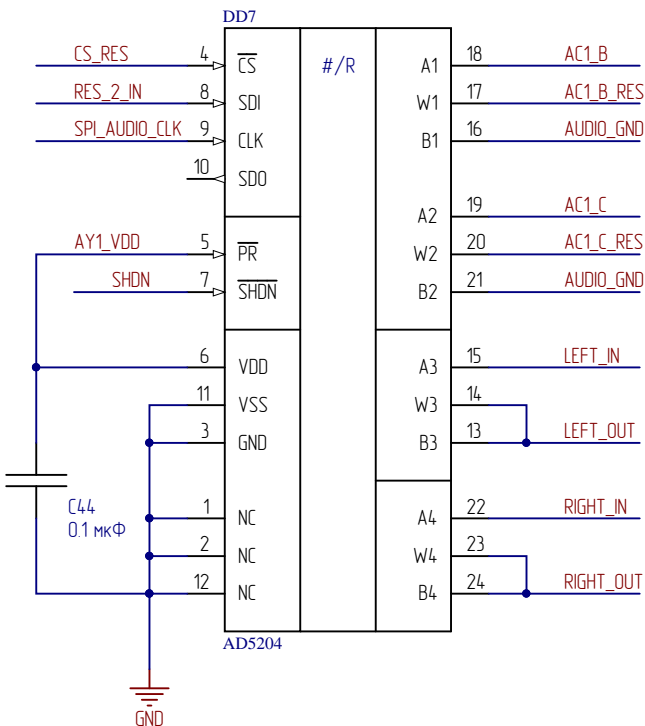
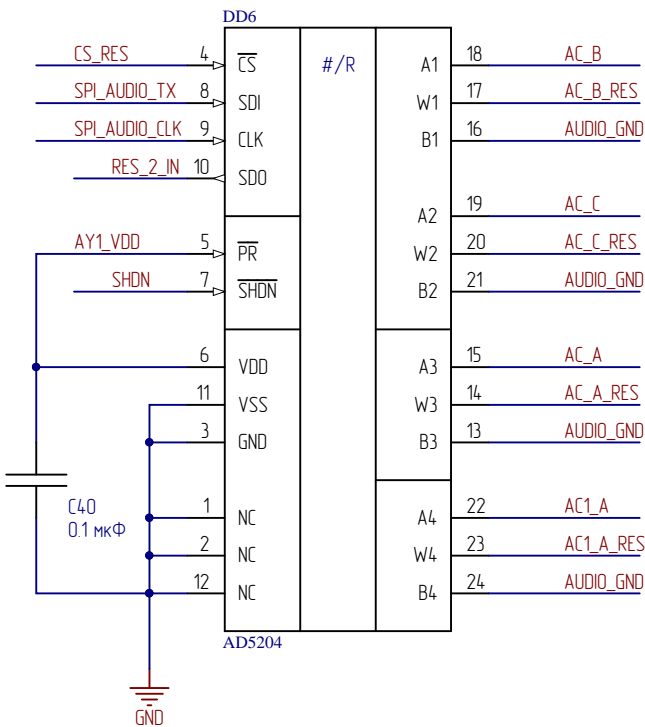
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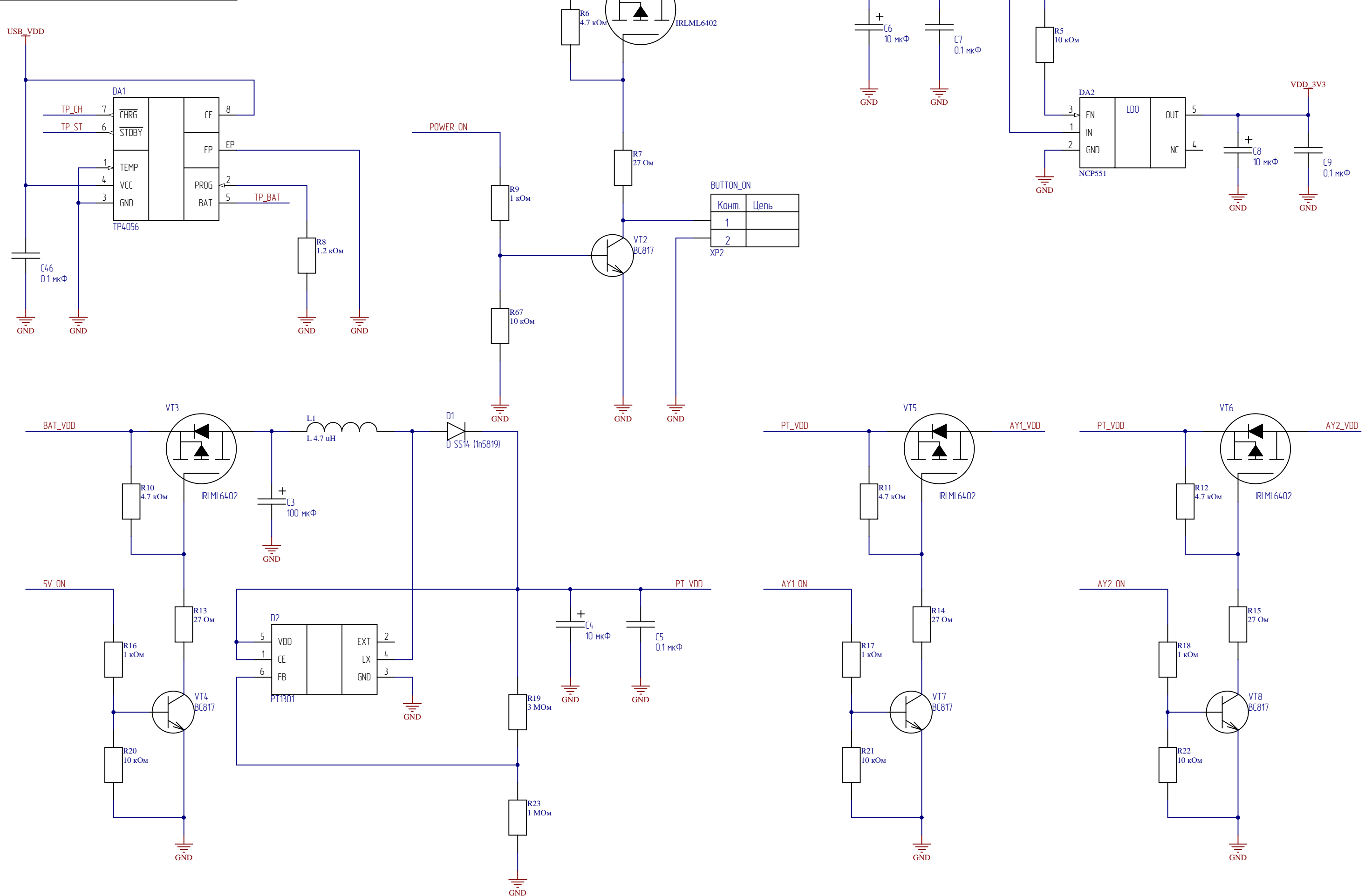
Изм.	Исх.	№ докум.	Подп.	Дата

Core of logic

Audio output



Power supply



Инв. № подл.	Подп. и дата	Взам. инв. №	Инв. № дубл.	Подп. и дата

Изм.	Иуст	№ докум.	Подп.	Дата

Копировал

лукм

\*



Designator	Comment	Description	Footprint	Quantity
C1, C2, C5, C7, C9, C11, C13, C15, C20, C21, C22, C23, C24, C25, C26, C28, C29, C30, C32, C35, C40, C44, C45, C46	0.1 мкФ	SMD Capacitor 1206	C 1206	24
C3, C39, C41	100 мкФ	SMD Tantalum Capacitor D	C TAN_D	3
C4, C6, C8, C10, C12, C14, C27, C31, C34	10 мкФ	SMD Tantalum Capacitor C	C TAN_C	9
C16, C17	2.2 мкФ	SMD Capacitor 1206	C 1206	2
C18, C19	6.8 пФ	SMD Capacitor 1206	C 1206	2
C33, C36, C37, C38, C42, C43, C47, C48	1 мкФ	SMD Capacitor 1206	C 1206	8
D1	D SS14 (1n5819)		SMA/DO-214AC	1
D2	PT1301	DC-DC step-up (повышающий) PT1301 в корпусе SOT23-6.	SOT-23-6	1
D3	MCP6022		SOIC-8	1
DA1	TP4056		HSOP-8	1
DA2	NCP551		TSOP-5	1
DD1	STM32F205RCT6		LQFP64	1
DD2	AY-3-8912		DIP-28	1
DD3	YM2149		DIP-40	1
DD4, DD5	74HC595N		SO16	2
DD6, DD7	AD5204		TSSOP-24	2
L1	L 4.7 uH	Катушка индуктивности 4.7 мкГн корпус CD43 (индуктивность 4.7 uH).	CD43	1
L2, L3, L4, L5, L6, L7, L8, L9	BLM18AG102SN1		FB 0603	8
R1, R2	22 Ом		RES 0805	2
R3, R24, R25, R27, R28	47 кОм		RES 0805	5
R4, R6, R10, R11, R12, R44, R45, R46, R48, R51, R53, R54, R55	4.7 кОм		RES 0805	13
R5, R20, R21, R22, R26, R29, R30, R33, R47, R52, R56, R57, R58, R59, R60, R65, R66, R67	10 кОм		RES 0805	18
R7, R13, R14, R15	27 Ом		RES 0805	4
R8	1.2 кОм		RES 0805	1
R9, R16, R17, R18, R31, R36, R37, R39, R40, R41, R43, R64	1 кОм		RES 0805	12
R19	3 МОм		RES 0805	1
R23	1 МОм		RES 0805	1
R32	330 Ом		RES 0805	1
R34	10 МОм		RES 0805	1
R35	390 Ом		RES 0805	1
R38, R42	100 Ом		RES 0805	2
R49, R50	220 Ом		RES 0805	2
R61, R62, R63	0 Ом		RES 0805	3
U1	HMHAA280	AC Input Half Pitch Mini-Flat Package 4-pin Optocoupler	MFP-4L	1
VT1, VT3, VT5, VT6	IRLML6402		SOT-23	4
VT2, VT4, VT7, VT8, VT11, VT12	BC817	NPN general-purpose transistor	SOT-23	6
VT9, VT10	2N7002	60 V, 300 mA N-channel Trench MOSFET	SOT-23	2
XP1, XP2, XP4, XP8	PLS-2	PLS connector	PLS-2	4
XP3, XP5	PLS-3	PLS connector	PLS-3	2
XP6	PLD-4	PLD connector	PLD-4	1
XP7, XP10	PLD-8	PLD connector	PLD-8	2
XP9	Jack_3.5 5-pin		JACK 3.5 female	1
XS1	USB-mini, тип B	USB-mini-B connector	USB_mini_B	1
XS2, XS3	49225-0821	MOLEX MicroSD connector	MOLEX 49225-0821	2
ZQ1	NX3225SA-16.000M-STD-CRS-2	QUARTZ CRYSTAL	NX3225SA	1