

В

{AEBL.XXXXXXXXXCE}

Элемент	Обозначение	Компонент	Количество
1	C4, C6, C8, C10, C12, C14, C27, C31, C34	10 мкФ	9
2	C16, C17	2.2 мкФ	2
3	C18, C19	6.8 пФ	2
4	C3, C39, C41	100 мкФ	3
5	C33, C36-C38, C42, C43, C47, C48	1 мкФ	8
6	C1, C2, C5, C7, C9, C11, C13, C15, C20-C26, C28-C30, C32, C35, C40, C44-C46	0.1 мкФ	24
7	D1	D SS14 (1n5819)	1
8	D2	PT1301	1
9	D3	MCP6022	1
10	DA1	TP4056	1
11	DA2	NCP551	1
12	DD1	STM32F205RCT6	1
13	DD2	AY-3-8912	1
14	DD3	YM2149	1
15	DD4, DD5	74HC595N	2
16	DD6, DD7	AD5204	2
17	L1	L 4.7 uH	
18	L2-L9	BLM18AG102SN1	8
19	R4, R10-R12, R44-R46, R48, R51, R53-R55	4.7 кОм	12
20	R13-R15	10 Ом	3
21	R19	3 MOm	1
22	R1, R2	22 Om	2
23	R23	1 M0m	1
24	R3, R24, R25, R27, R28	47 kOm	5
25	R32	330 Ом	1
26	R34	10 MOm	1
27	R35	390 Ом	1
28	R38, R42	100 Ом	2
29	R49, R50	220 Om	2
30	R61-R63	0 Ом	3
31	R7, R9, R16-R18, R31, R36, R37, R39-R41, R43, R64	1 кОм	13

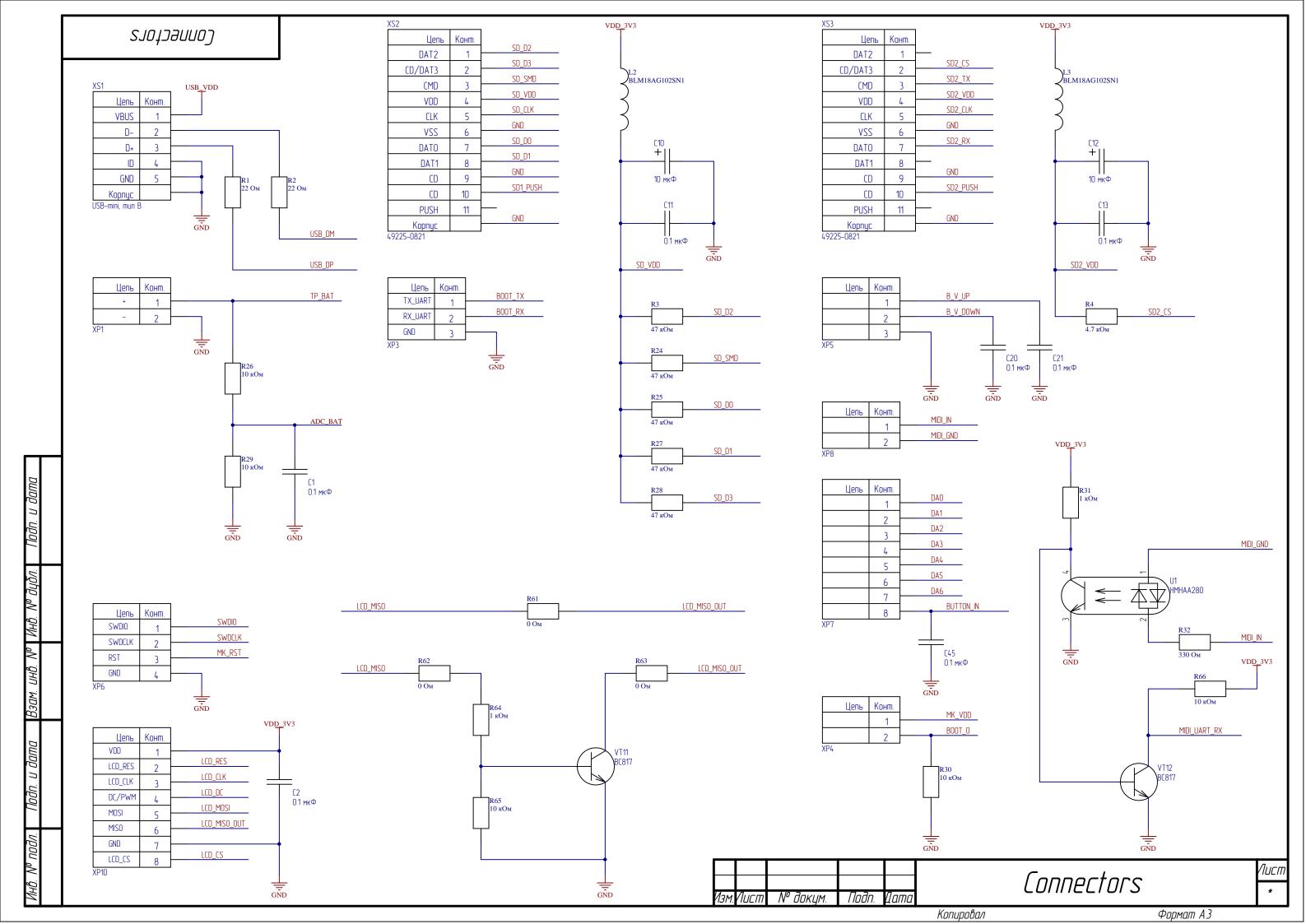
Α

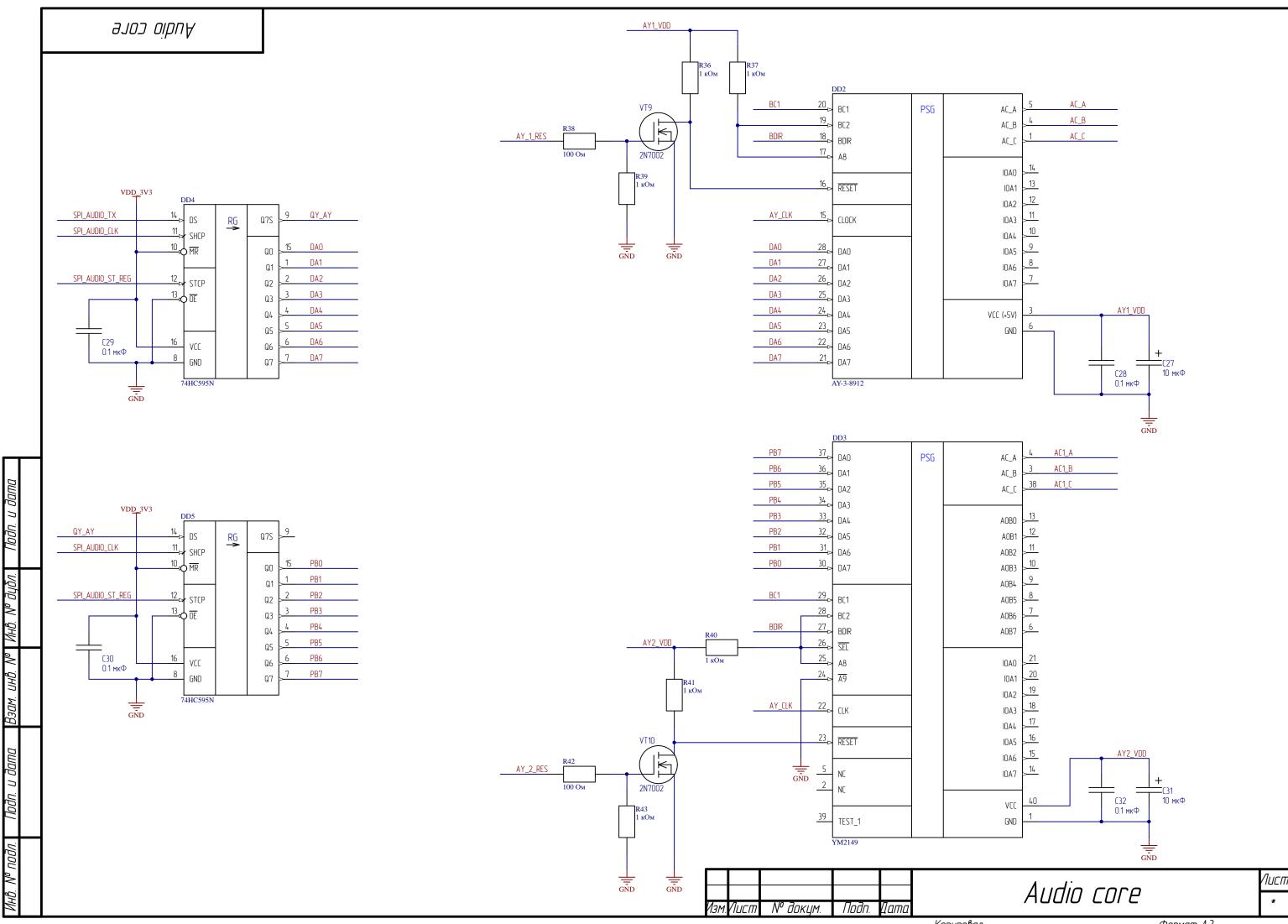
Элемент	Обозначение	Компонент	Количество	
34	U1	HMHAA280	1	
35	VT9, VT10	2N7002	2	
36	VT2, VT4, VT7, VT8, VT11, VT12	BC817	6	
37	VT1, VT3, VT5, VT6	IRLML6402	4	
38	XP3, XP5	PLS-3	2	
39	XP6	PLD-4	1	
40	XP7, XP10	PLD-8	2	
41	XP1, XP2, XP4, XP8	PLS-2	4	
42	XP9	Jack_3.5 5-pin	1	
43	XS1	USB-mini, тип В	1	
44	XS2, XS3	49225-0821	2	
45	ZQ1	NX3225SA-16.000M-STD- CRS-2	1	

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1/21/	Пист	No down	Подп	Пото
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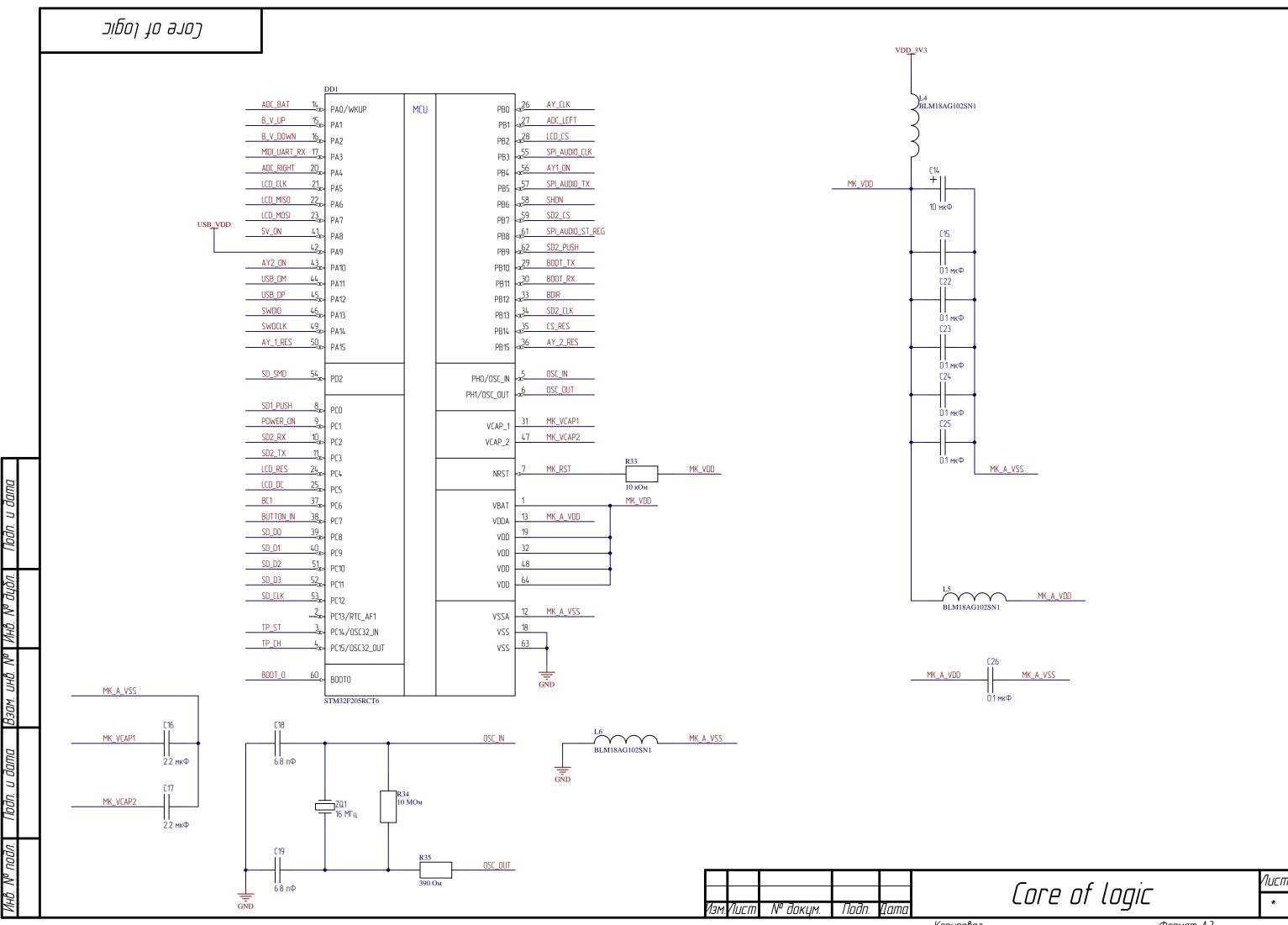
Копировал

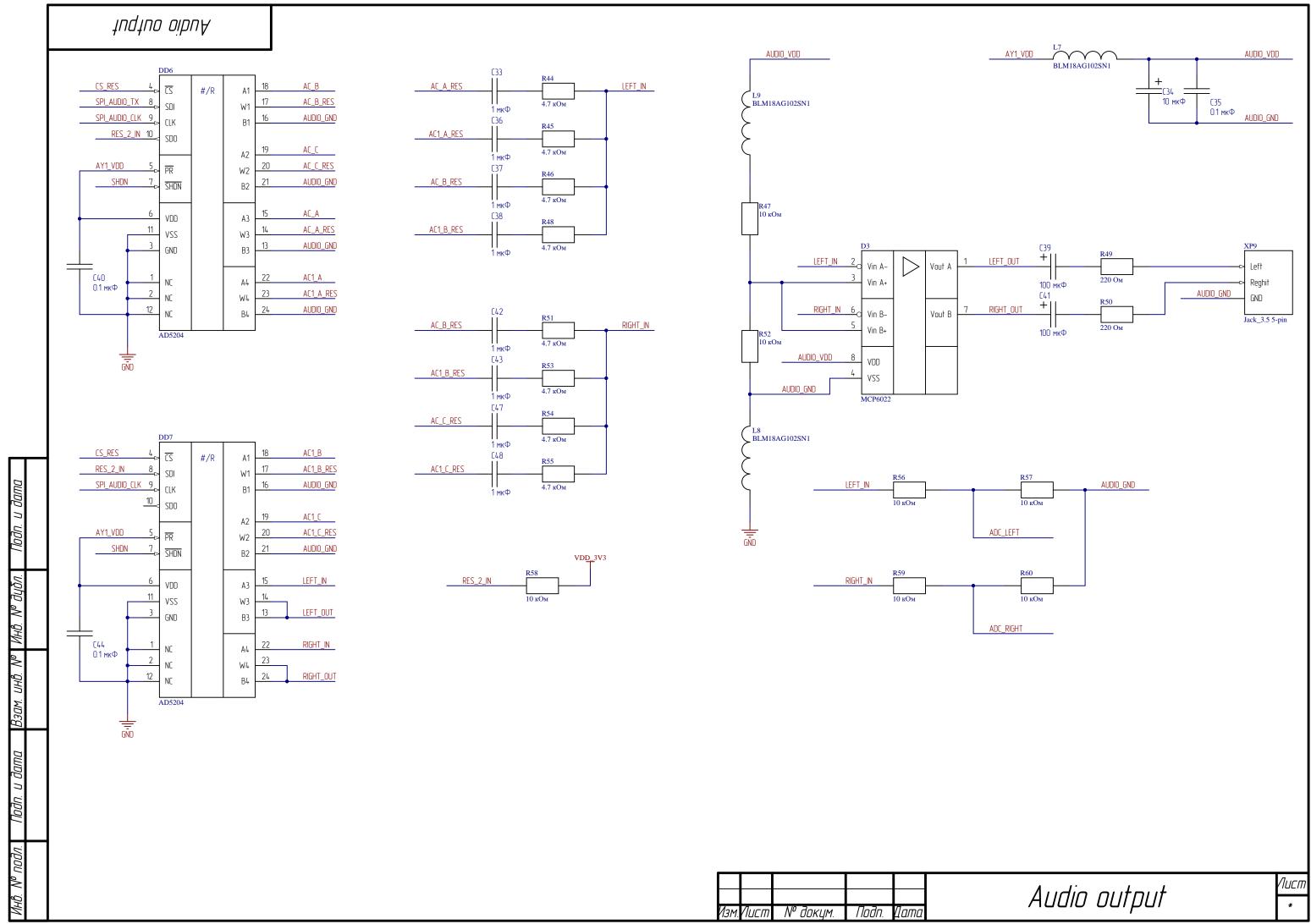




Копировал

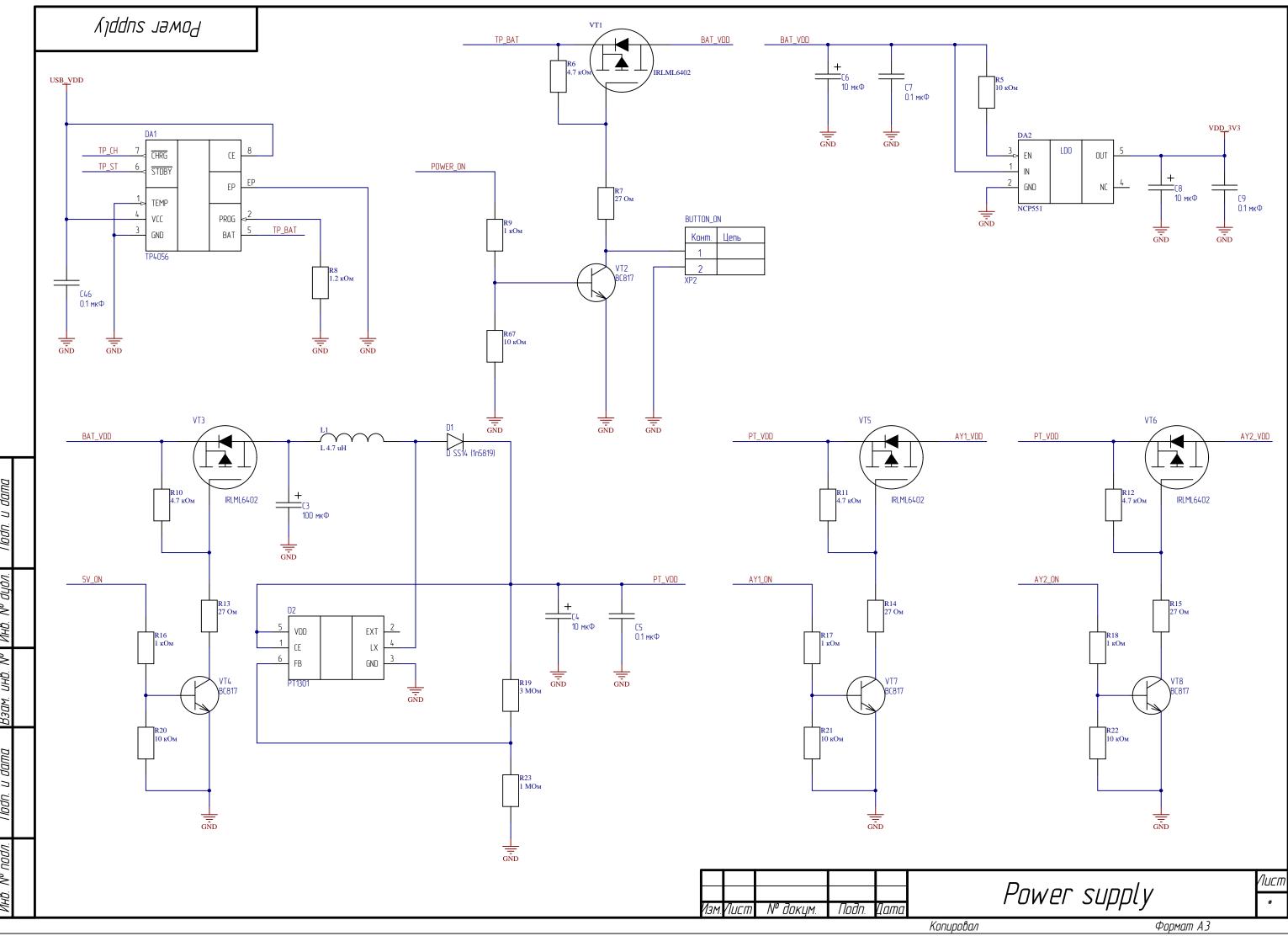
Формат АЗ





Копировал

Формат АЗ



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 Tantalium Capacitor D	C TAN_D	3
C4, C6, C8, C10, C12, C14, C27, C31, C34	10 мкФ	SMD Tantalium 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,	1 4	CMD Organitan 1007	0.1007	0
C48	1 мкФ	SMD Capacitor 1206	C 1206 SMA/DO-214AC	8
DI	D SS14 (1n5819)	DC-DC step-up	SIVIA/DU-214AC	ı
D0	DT4.004	(повышающий) РТ1301 в	007.00 (
D2	PT1301	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 YM2149		DIP-28 DIP-40	1
DD4, DD5	74HC595N		SO16	2
DD6, DD7	AD5204		TSSOP-24	2
000, 007	AD5204	Катушка индуктивности 4.7	1330P-24	2
		мкГн корпус CD43	05.40	
L1	L 4.7 uH	(индуктивность 4.7 uH).	CD43	1
L2, L3, L4, L5, L6, L7, L8, L9	BLM18AG102SN1		FB 0603	8
R1, R2	22 OM		RES 0805	2
R3, R24, R25, R27, R28 R4, R6, R10, R11, R12, R44, R45,	47 кОм		RES 0805	5
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
		AC Input Half Pitch Mini-Flat		
U1	НМНАА280	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	4
		60 V, 300 mA N-channel		0
VT9, VT10	2N7002	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-8	PLD connector PLD connector	PLD-4 PLD-8	1
XP7, XP10 XP9		FLD CONNECTOR	JACK 3.5 female	2
XS1	Jack_3.5 5-pin USB-mini, тип В	USB-mini-B connector	USB_mini_B	1
	·		MOLEX 49225-	<u>'</u>
XS2, XS3	49225-0821 NX3225SA-16.000M-	MOLEX MicroSD connector	0821	2
ZQ1	STD-CRS-2	QUARTZ CRYSTAL	NX3225SA	1