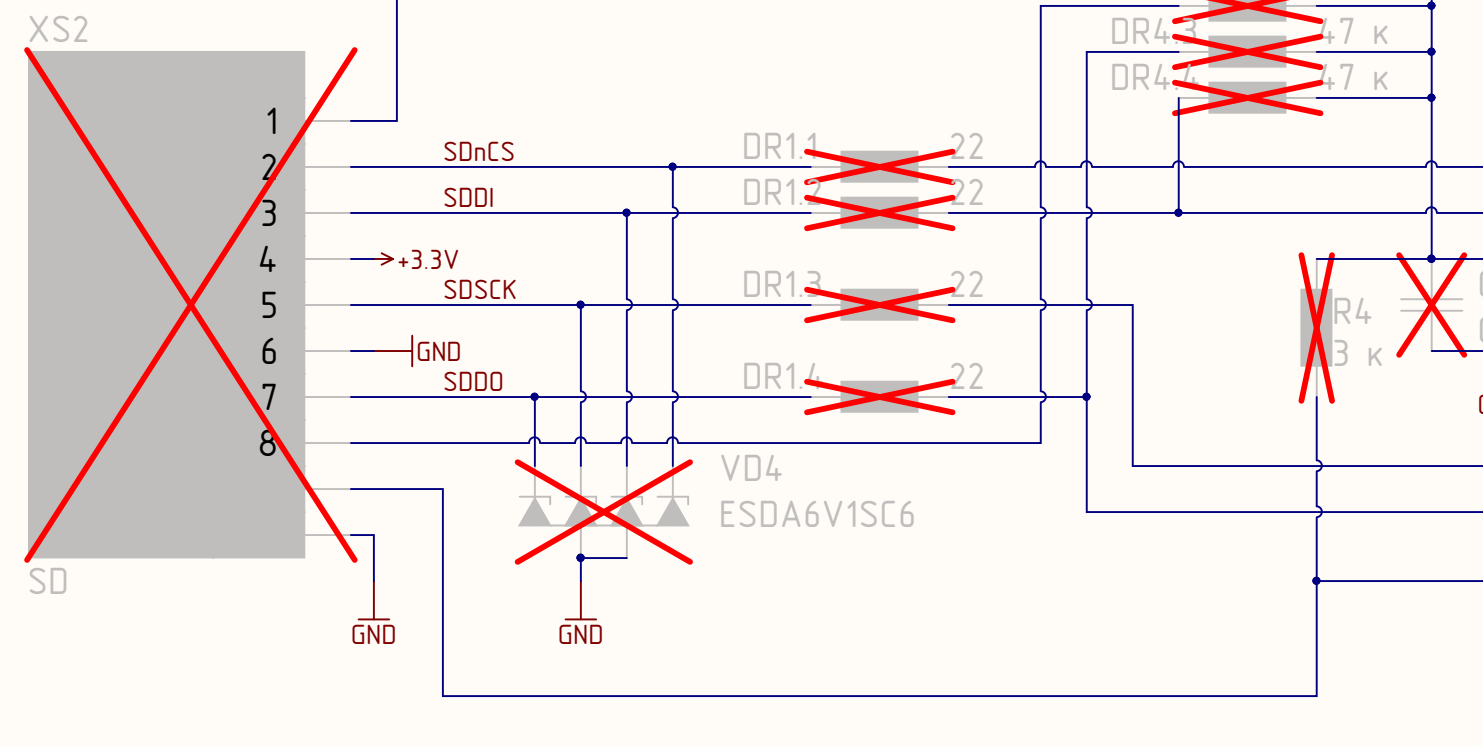
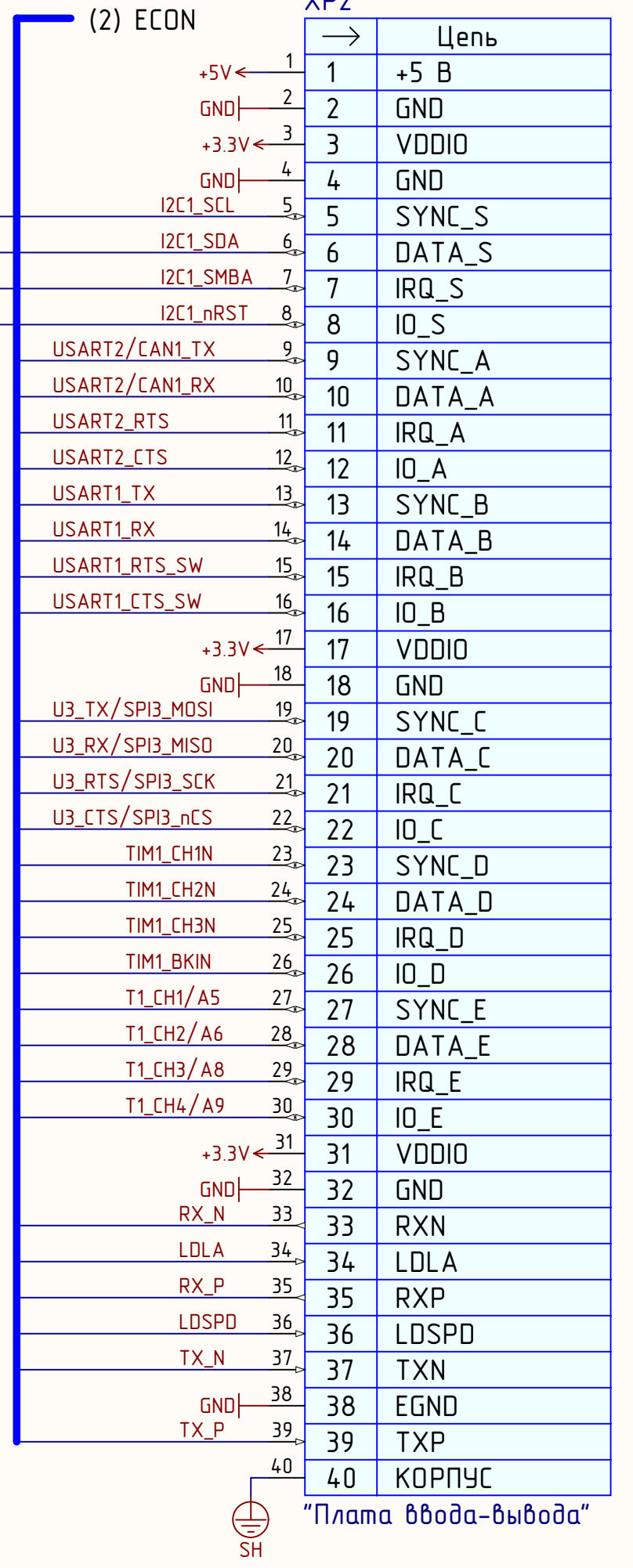
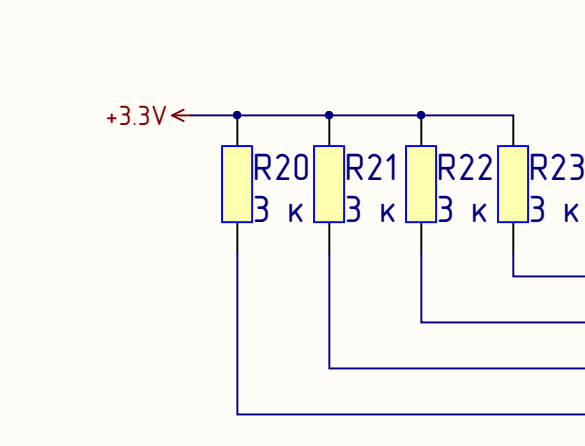
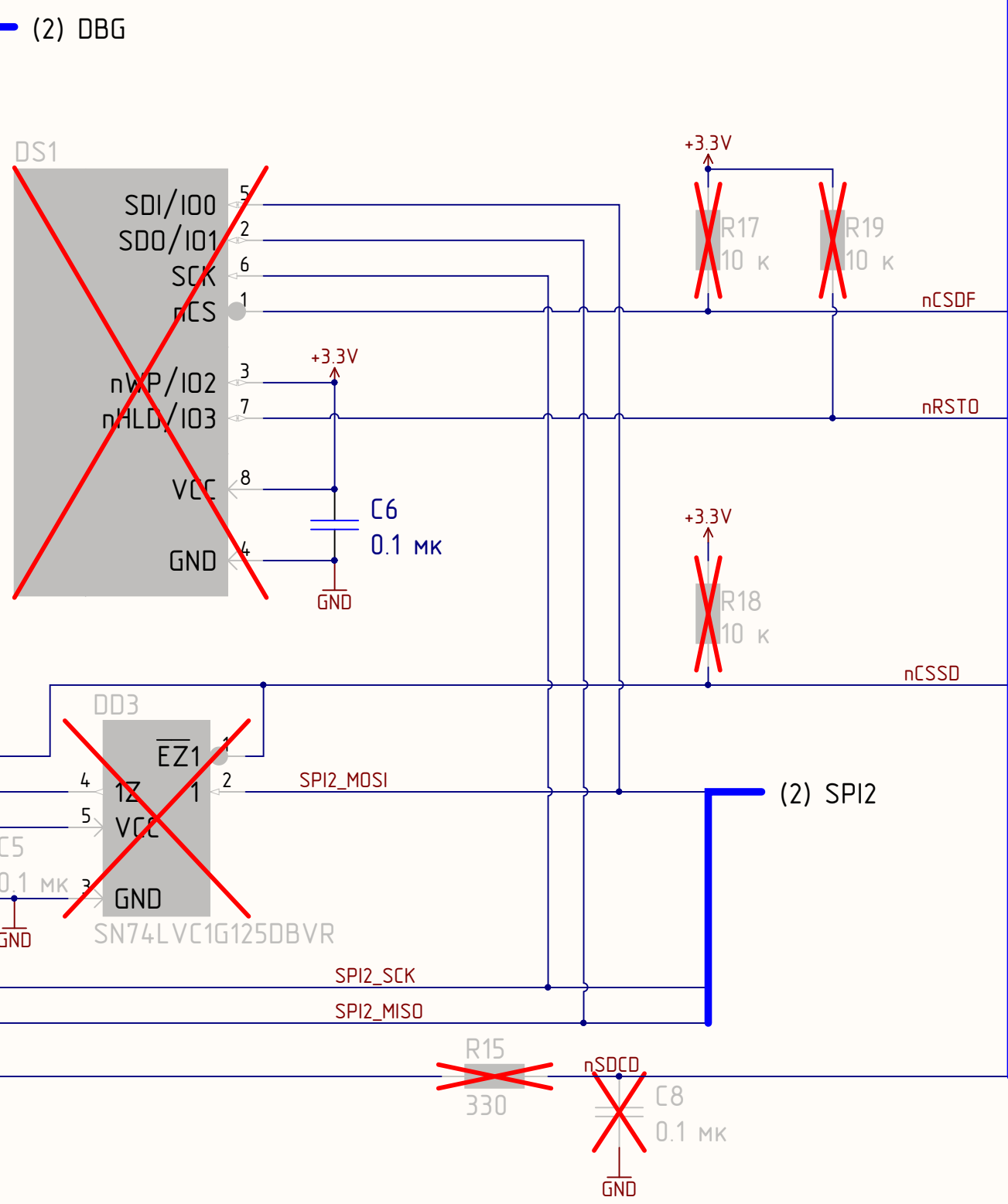
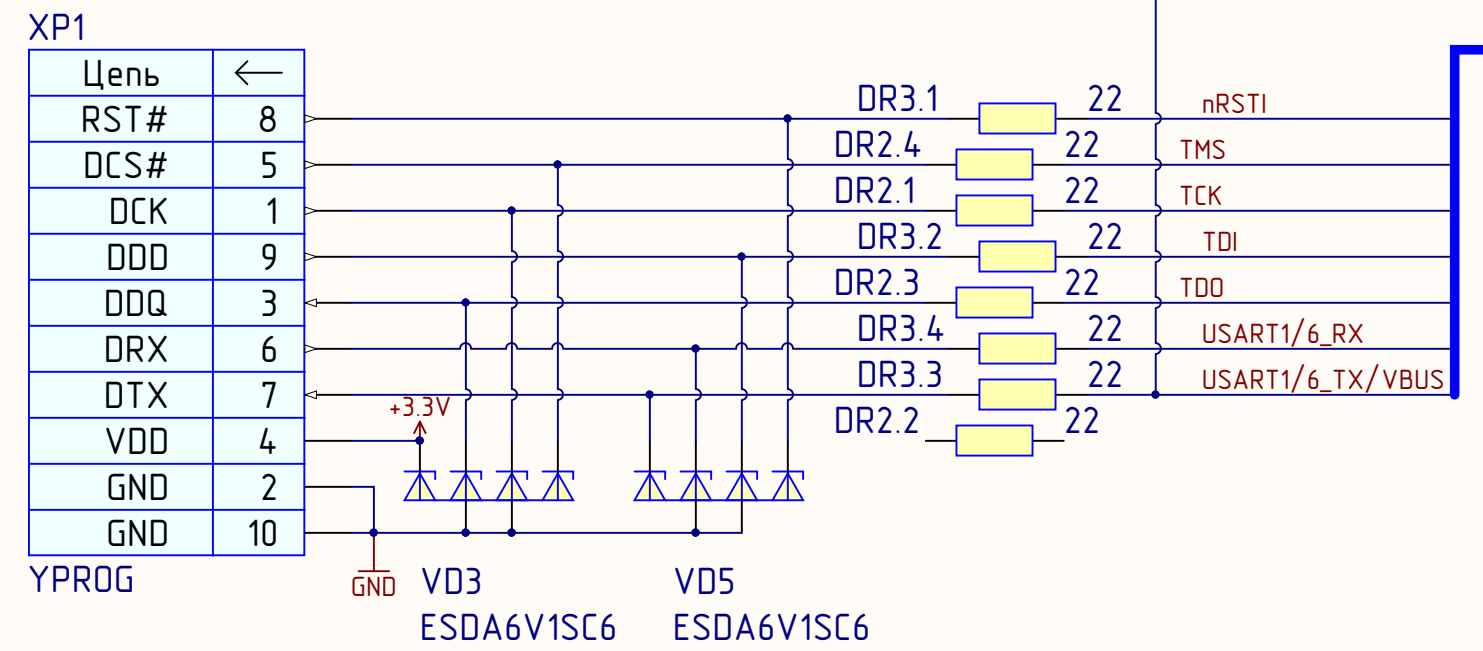
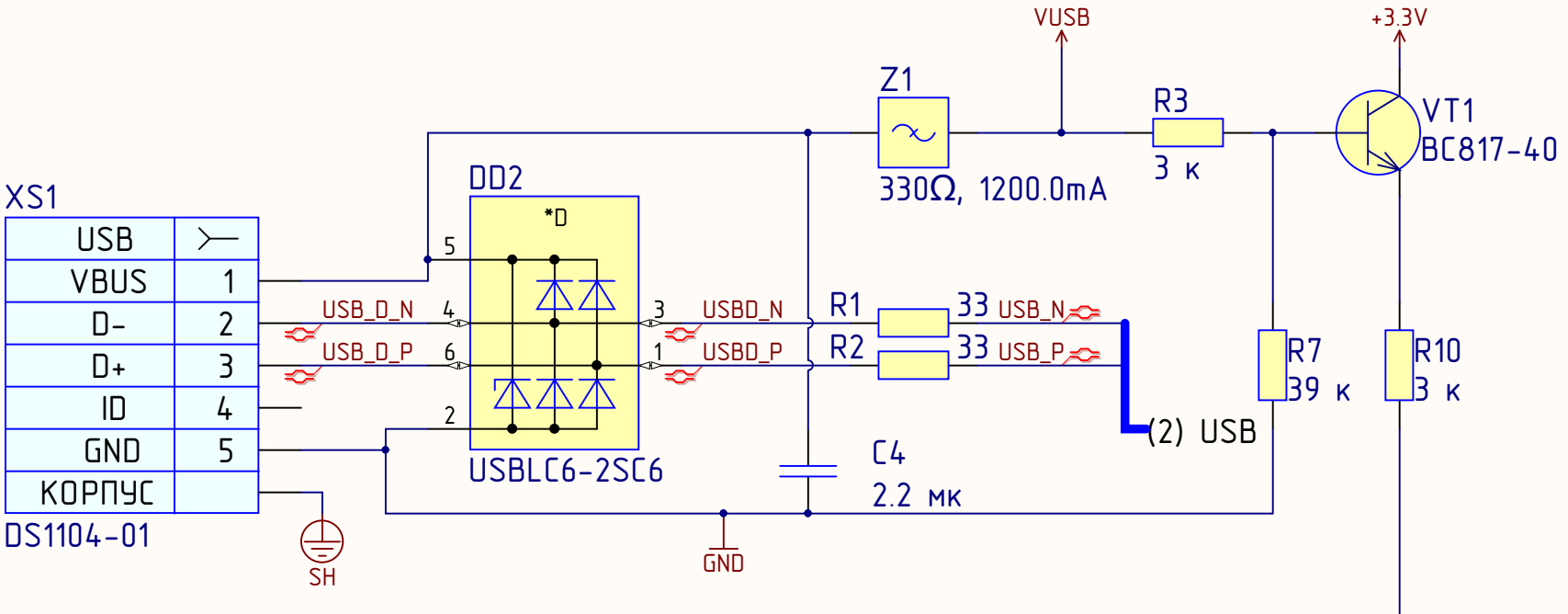
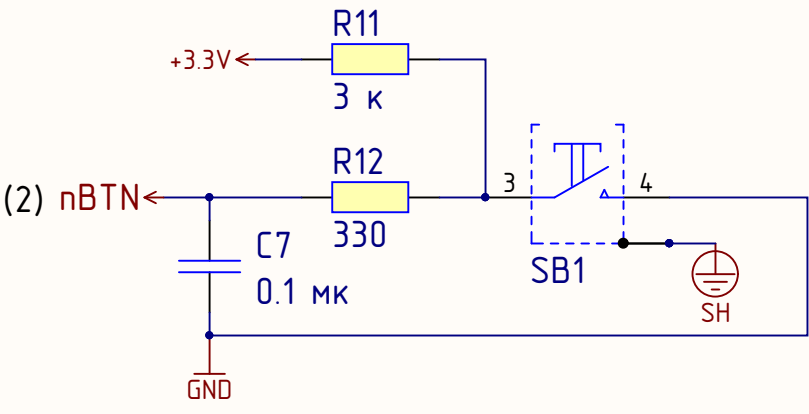
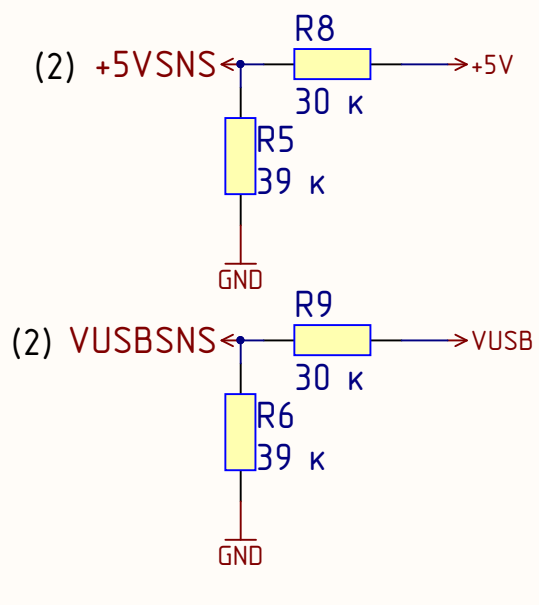
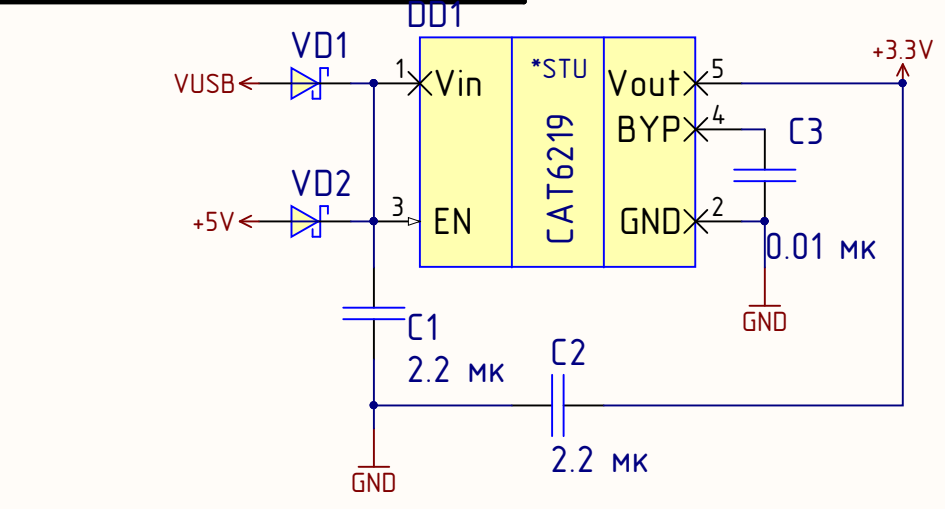
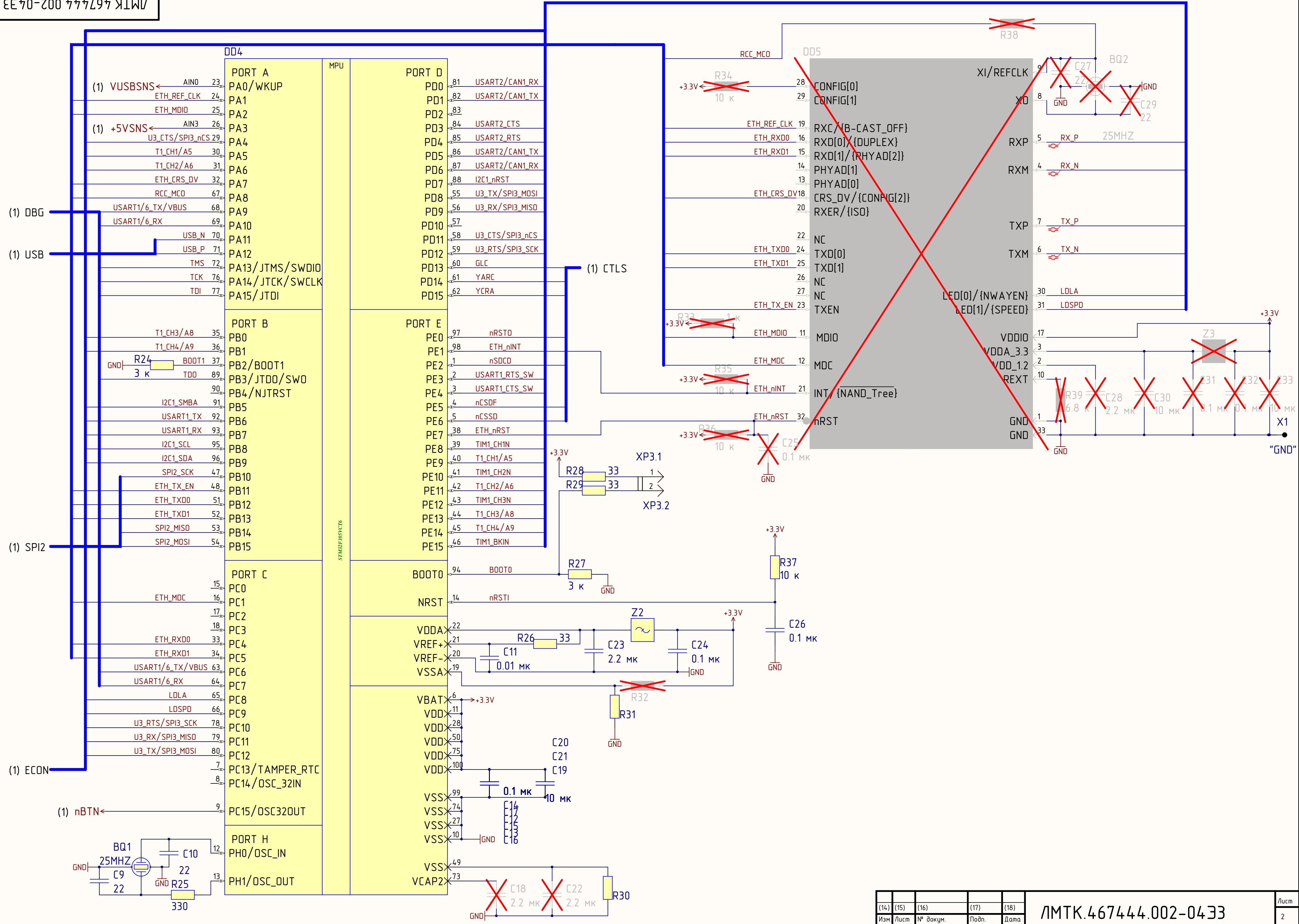


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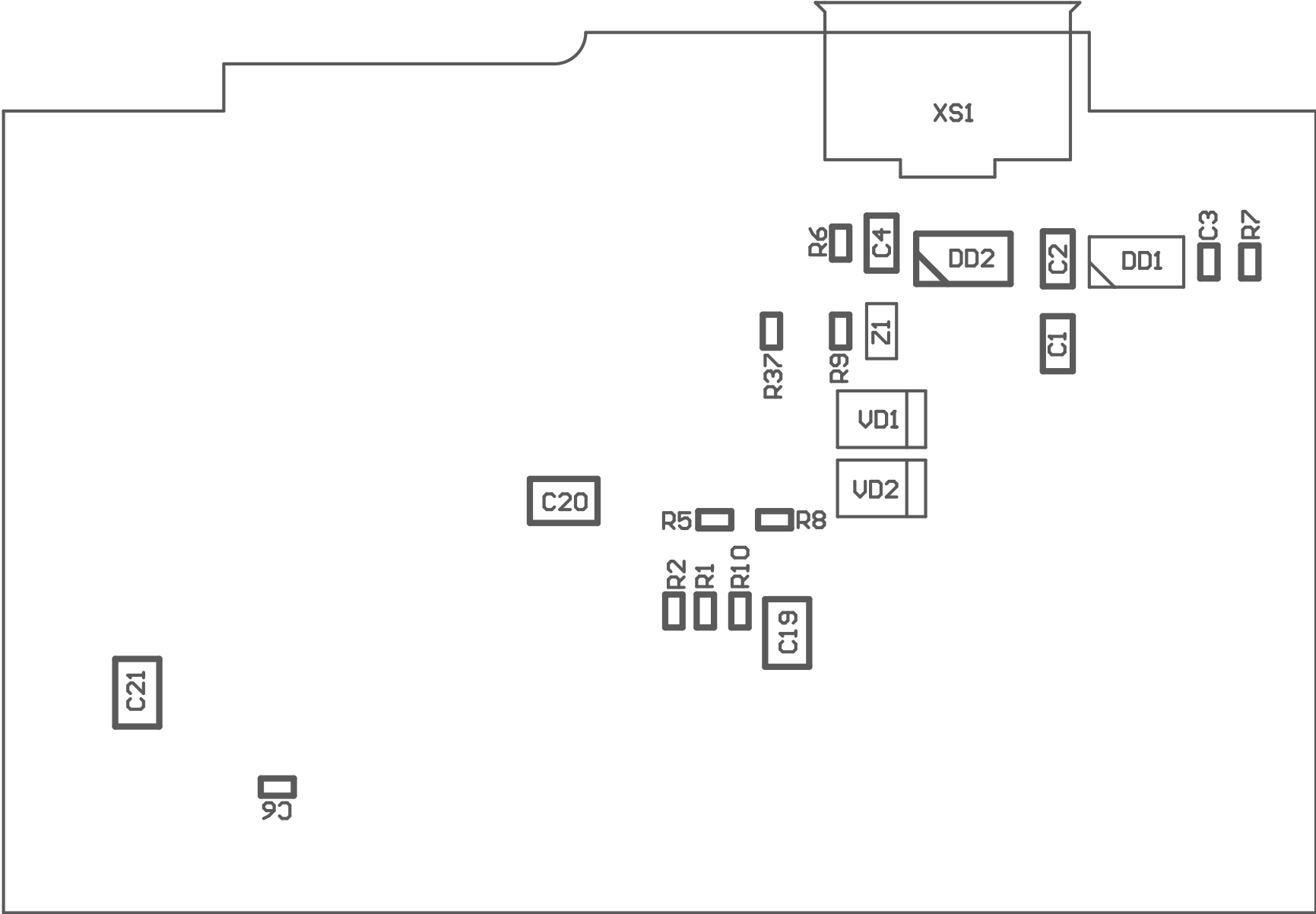
(14)	(15)	(16)	(17)	(18)	ЛМТК.467444.002-0433		
Изм.	Лист	№ докум.	Подп.	Дата	SOVA R1.1 04		
Разраб.	Милин				Схема электрическая принципиальная		
Пров.							
Т. контр.							
Н. контр.							
Умб.							
					Лист 1	Листов 2	

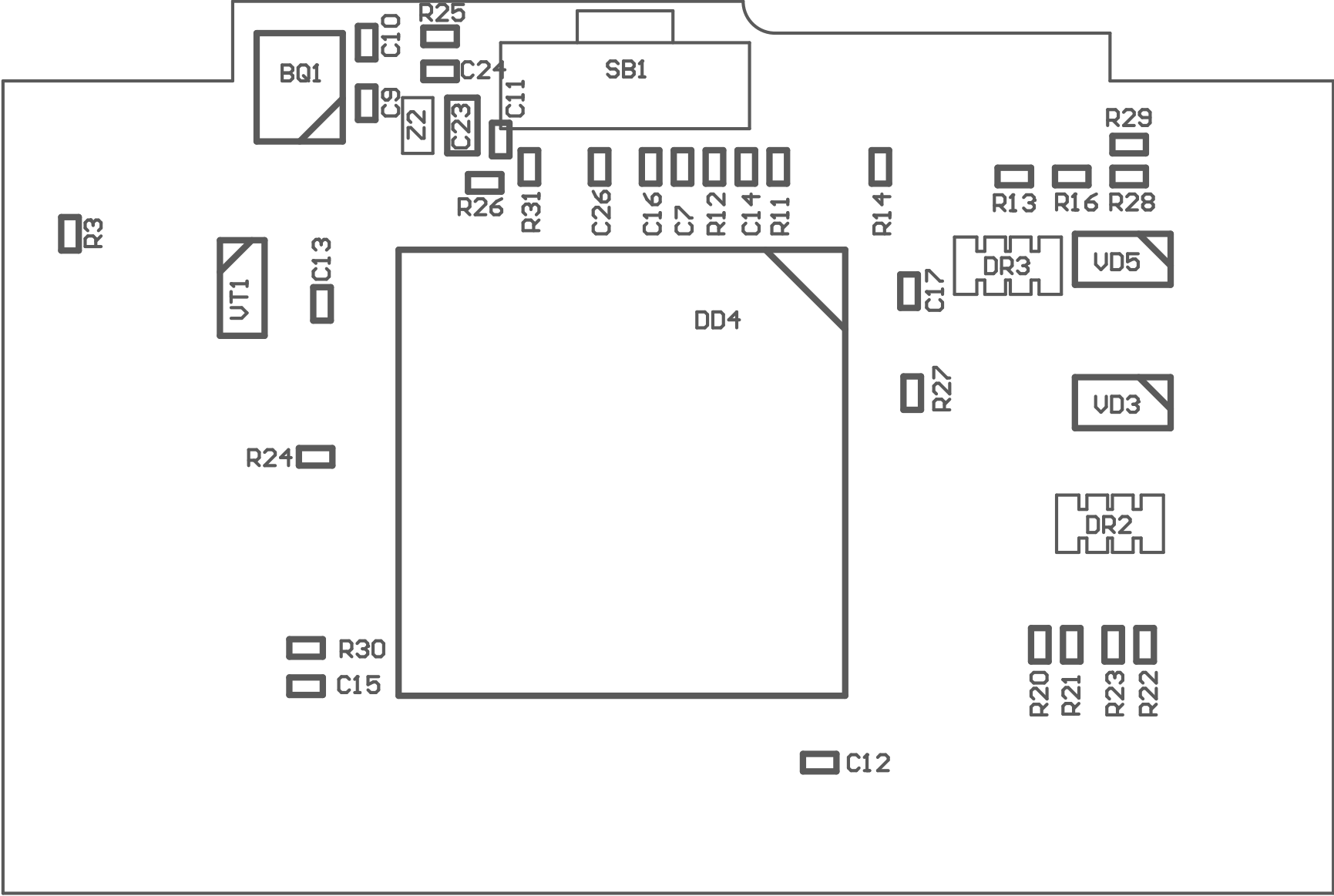
Копировал (31) Формат А2

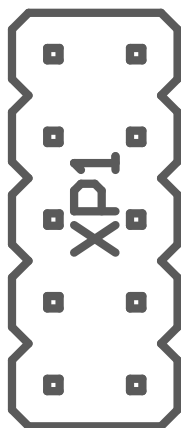


Инд. № подл.	Подп. и дата	Изм.
(19)	(20)	(21)
Взам. инд. №	Подп. и дата	Изм.
(22)	(23)	(24)
Инд. № дгдн.	Подп. и дата	Изм.
(25)	(26)	(27)
Подп. и дата	Изм.	
(28)	(29)	(30)

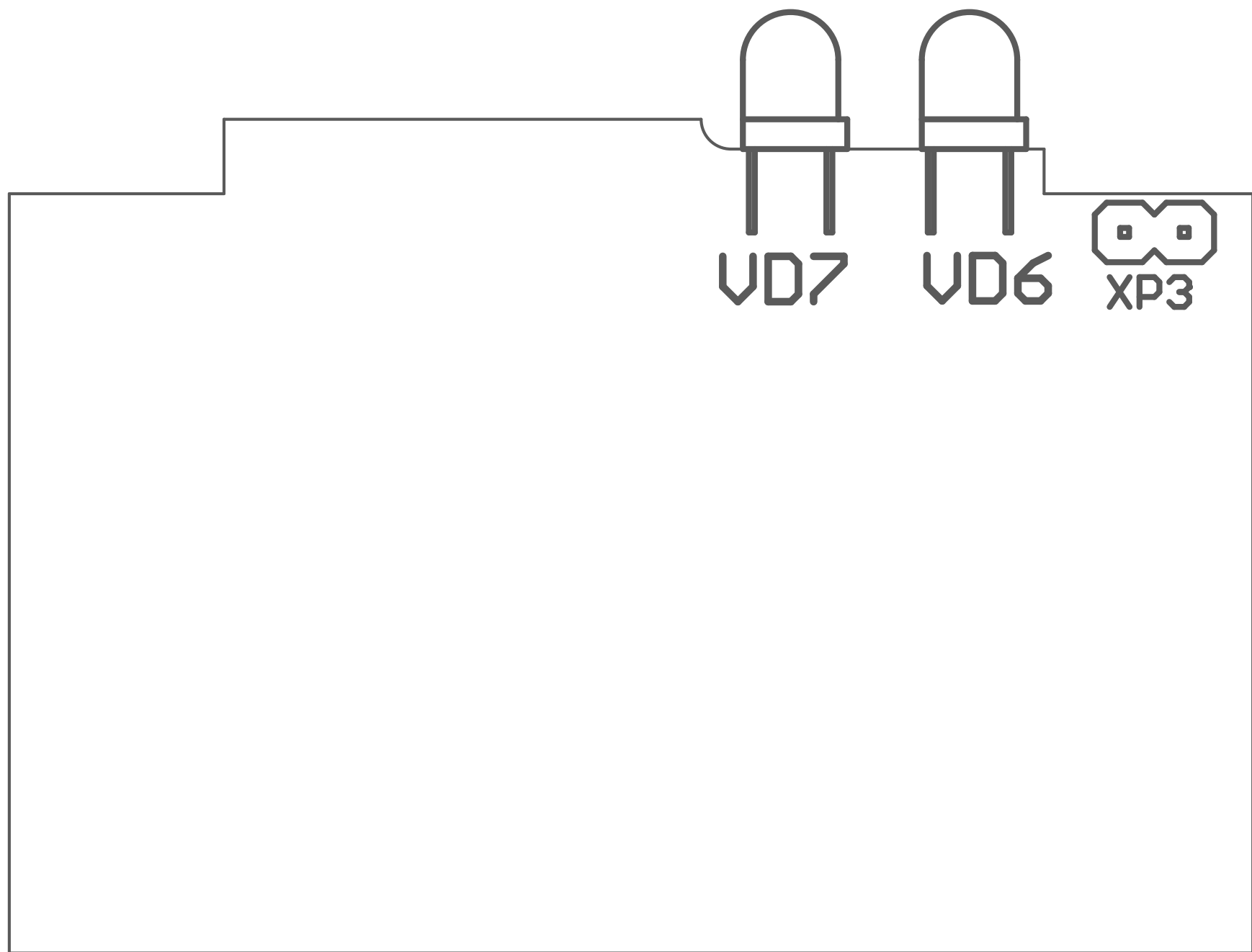
Order Code	Part Number	Comment	Package	Quantity	Description	Designator	Manufacturer
KX-7T 25.0MHz	KX-7T 25.0MHz	25MHz	SMD3225	1	SMD Quartz Crystal	BQ1	Geyer
C C 0603KRX5R6BB225	C C 0603KRX5R6BB225	2.2 мк	0603	4	2.2uFx10V, ±10%, X5R, Case 04	C1, C2, C4, C23	Yageo
C C 0402KRX7R8BB103	C C 0402KRX7R8BB103	0.01 мк	0402	2	10nF x 25V, ±10%, X7R, Case 04	C3, C11	Yageo
C C 0402KRX7R6BB104	C C 0402KRX7R6BB104	0.1 мк	0402	10	0.1uF x 10V, ±10%, X7R, Case 04	C6, C7, C12, C13, C14	Yageo
C C 0402JRNPO9BN220	C C 0402JRNPO9BN220	22	0402	2	22pF x 50V, ±5%, NP0, Case 04	C9, C10	Yageo
C C 0805KKX5R6BB106	C C 0805KKX5R6BB106	10 мк	0805	3	10uF x 10V, ±10%, X5R, Case 08	C19, C20, C21	Yageo
C A T 6219-330TDGT3	C A T 6219-330TDGT3	CAT6219	SOT23-5	1	500 mA CMOS LDO Regulator	DD1	ON Semiconductor
USBLC6-2SC6	USBLC6-2SC6	USBLC6-2SC6	SOT23-6	1	Very low capacitance ESD protection	DD2	STMicroelectronics
STM32F105VCT6	STM32F105VCT6	STM32F105VCT6	LQFP100	1	Connectivity line, ARM®-based	DD4	STMicroelectronics
YC164-JR-0722RL	YC164-JR-0722RL	22	0603x4	2	220hm R-Array /R-Network (con	DR2, DR3	Yageo
RC0402JR-0733RL	RC0402JR-0733RL	33	0402	5	330hm General Purpose Chip Res	R1, R2, R26, R28, R29	Yageo
RC0402JR-073KL	RC0402JR-073KL	3 к	0402	9	3kOhm General Purpose Chip Res	R3, R10, R11, R20, R21	Yageo
RC0402JR-0739KL	RC0402JR-0739KL	39 к	0402	3	39kOhm General Purpose Chip Res	R5, R6, R7	Yageo
RC0402JR-0730KL	RC0402JR-0730KL	30 к	0402	2	30kOhm General Purpose Chip Res	R8, R9	Yageo
RC0402JR-07330RL	RC0402JR-07330RL	330	0402	4	330Ohm General Purpose Chip Res	R12, R13, R14, R25	Yageo
RC0402JR-071KL	RC0402JR-071KL	1 к	0402	1	1kOhm General Purpose Chip Res	R16	Yageo
RC0402JR-070RL	RC0402JR-070RL	0	0402	2	0Ohm General Purpose Chip Res	R30, R31	Yageo
RC0402JR-0710KL	RC0402JR-0710KL	10 к	0402	1	10kOhm General Purpose Chip Res	R37	Yageo
IT-1188-160G-G	IT-1188-160G-G	SB-SSCNor		1	Side pushing SMT Type tact switch	SB1	Switronic
MBR0540T1G	MBR0540	MBR0540	SOD123	2	Surface Mount Schottky Power Rect	VD1, VD2	ON Semiconductor
ESDA6V1SC6	ESDA6V1SC6	ESDA6V1SC6	SOT23-6	2	Quad Transil array for ESD protection	VD3, VD5	STMicroelectronics
КИПД66ЛБ-Л	КИПД66ЛБ-Л	"РАБОТА"		1	Светодиод 3 мм	VD6	Планета СИД
КИПД45В8-М	КИПД45В8-М	"РЕЖИМ"	3 мм	1	Светодиод 3 мм двухцветный	VD7	Планета СИД
BC817-40	BC817-40	BC817-40	SOT23	1	NPN general-purpose transistors	VT1	NXP
	TPR300_20x20	"GND"		1	Печатный кондакт 3x2 мм	X1	
DS1014-10SF1B	YPROG_2mm_DCH_YPROG	YPROG		1	YPROG Connector (PLD2-10)	XP1	Connity
DS1025-05-2*20P8BV1	B2BMCU_8_6x4_E_1	"Плата ввода-вывода"		1	Соединитель для подключения	XP2	Connity
DS1025-01-1*2P8BV1	PLS2-2	PLS2-2		1	DS1025-01 Series 2mm PIN HEAD	XP3	Connity
DS1104-01-BNOR-ELC	DS1104-01-BNOR-ELC	DS1104-01	USB micro B	1	Micro USB Female 5P	XS1	Connity
BLM18PG331SN1#	BLM18PG331SN1#	330Ω, 1200.0mA	0603	2	330Ω@100MHz 1200.0mA 1608	Z1, Z2	Murata

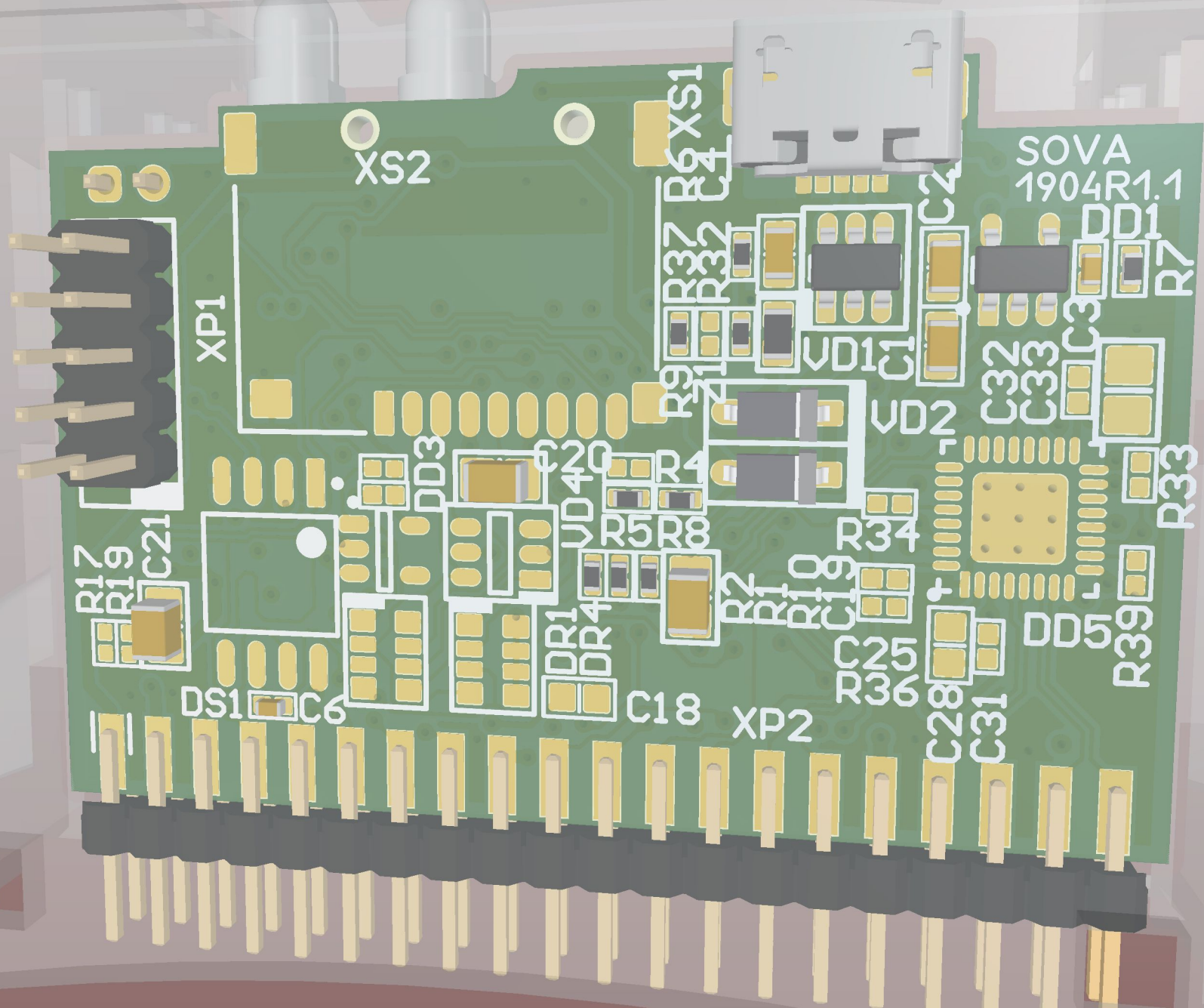






XP2





R17
R19
C21

DS1
C6

XP1

XS2

DD3

DR1
DR4

UD40

C18

R9
R37
R32
C4
XS1

R4
R5
R8

XP2

R2
R1
R10

C19
C25
R34
R36

VD1
VD2

C28
C31

SOVA
1904R1.1

DD5

C32
C33
C3
DD1
R7

R33
R39

