

A

B

C

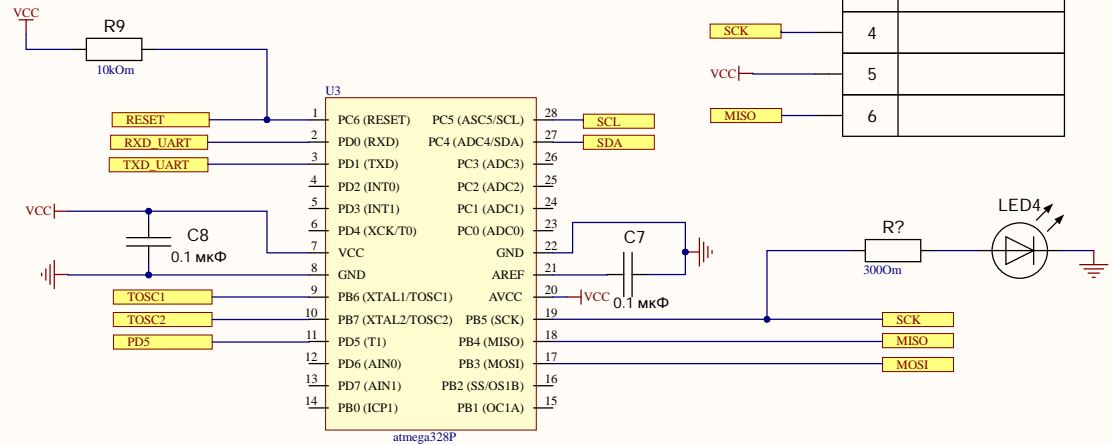
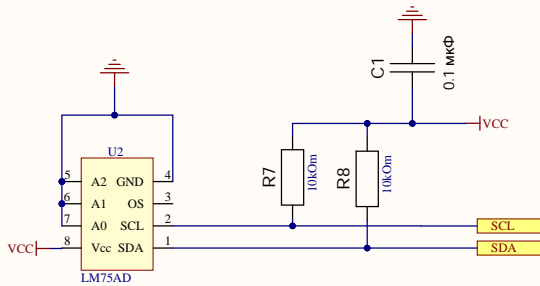
D

A

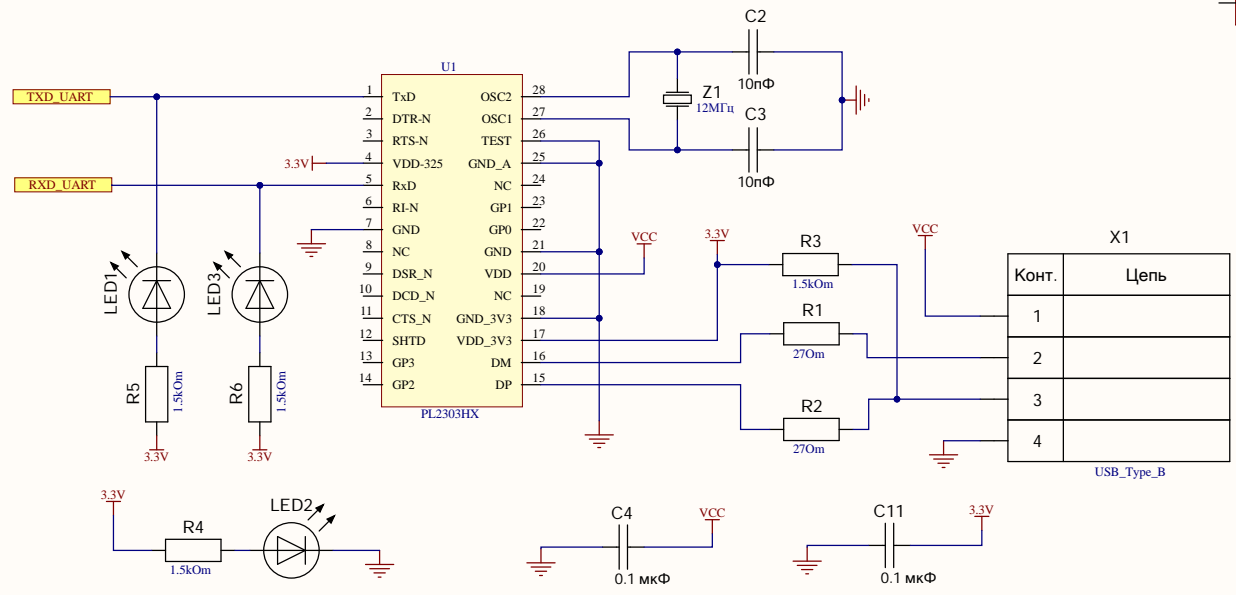
B

C

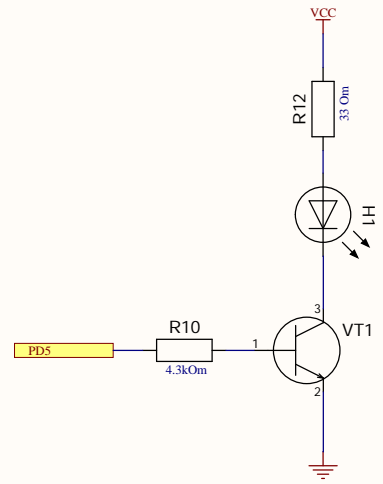
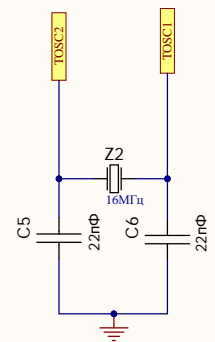
D



X2	
Конт.	Цепь
1	
2	RESET
3	MOSI
4	SCK
5	VCC
6	MISO



X1	
Конт.	Цепь
1	
2	
3	
4	USB_Type_B



Title		
Size	Number	Revision
A3		
Date:	4.08.2023	Sheet of 1
File:	D:\git\...\Схема принципиальная ПУК-4\PUK-4.sch	Doc 1

Comment	Description	Designator	Footprint	LibRef	Quantity
0.1 мкФ		C1, C4, C7, C8, C11	C_1206	C	5
10нФ		C2, C3	C_0805	C	2
22нФ		C5, C6	C_1206	C	2
TSAL6200		H1	ledrad3mm	LED	1
LED		LED1, LED2, LED3, LED4	ledrad3mm	LED	4
270m		R1, R2	R_1206	Resistor	2
1.5kOm		R3, R4, R5, R6	R_1206	Resistor	4
10kOm		R7, R8, R9	R_1206	Resistor	3
4.3kOm		R10	R_1206	Resistor	1
33 Om		R12	R_1206	Resistor	1
300Om		R?	R_1206	Resistor	1
PL2303HX		U1	SO-28W	PL2303HX	1
LM75AD		U2	TSSOP8	LM75AD	1
atmega328P		U3	27_DIP_7.62mm	atmega328P	1
BC547		VT1	TO-92-CBE	NPN_BEC	1
USB_Type_B		X1	USB_TypeB_Tyco	X_4	1
X_6		X2	PLD-6	X_6	1
12МГц		Z1	HC-49H	Кварцевый резонатор	1
16МГц		Z2	HC-49H	Кварцевый резонатор	1