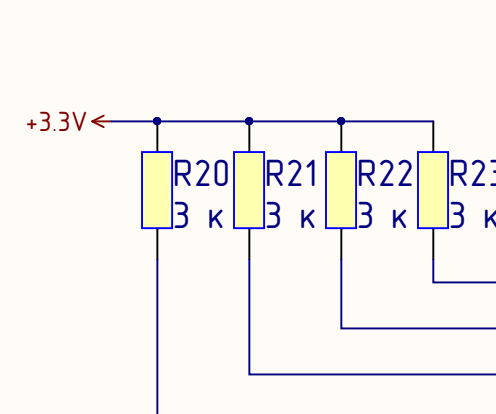
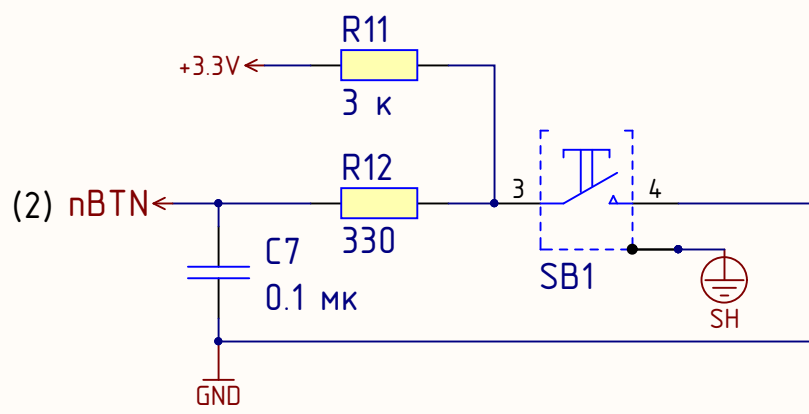
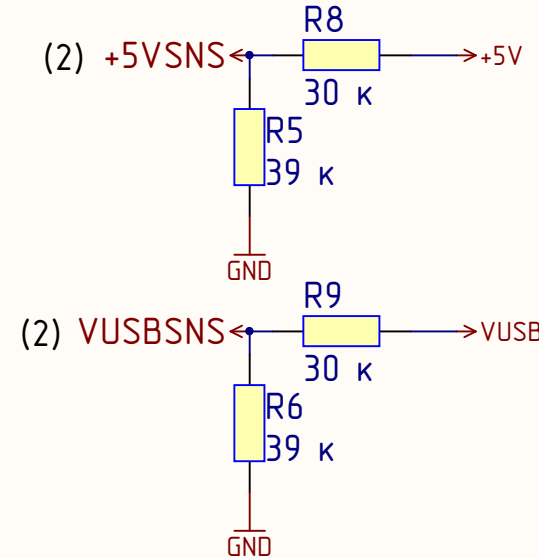
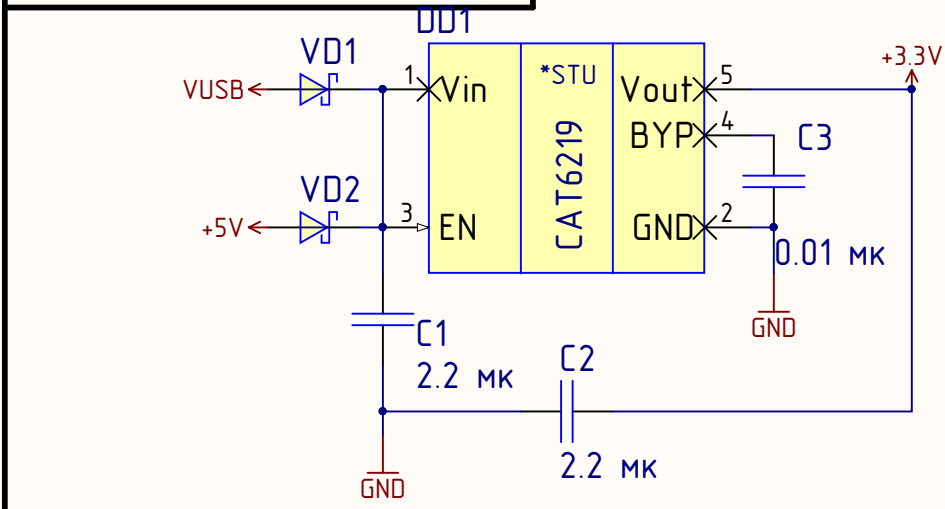
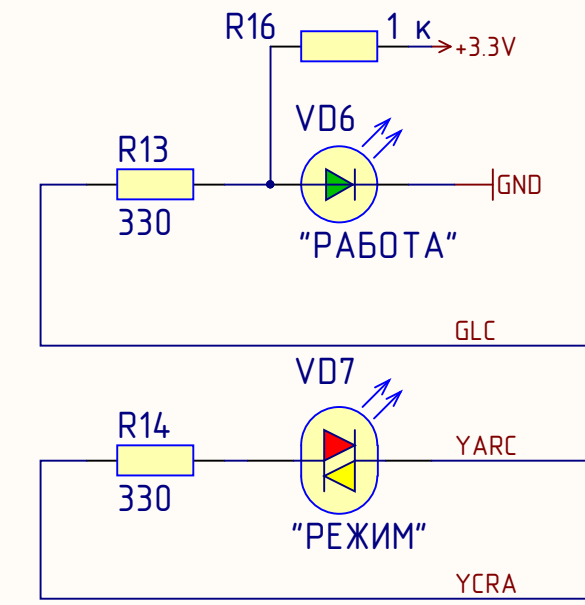
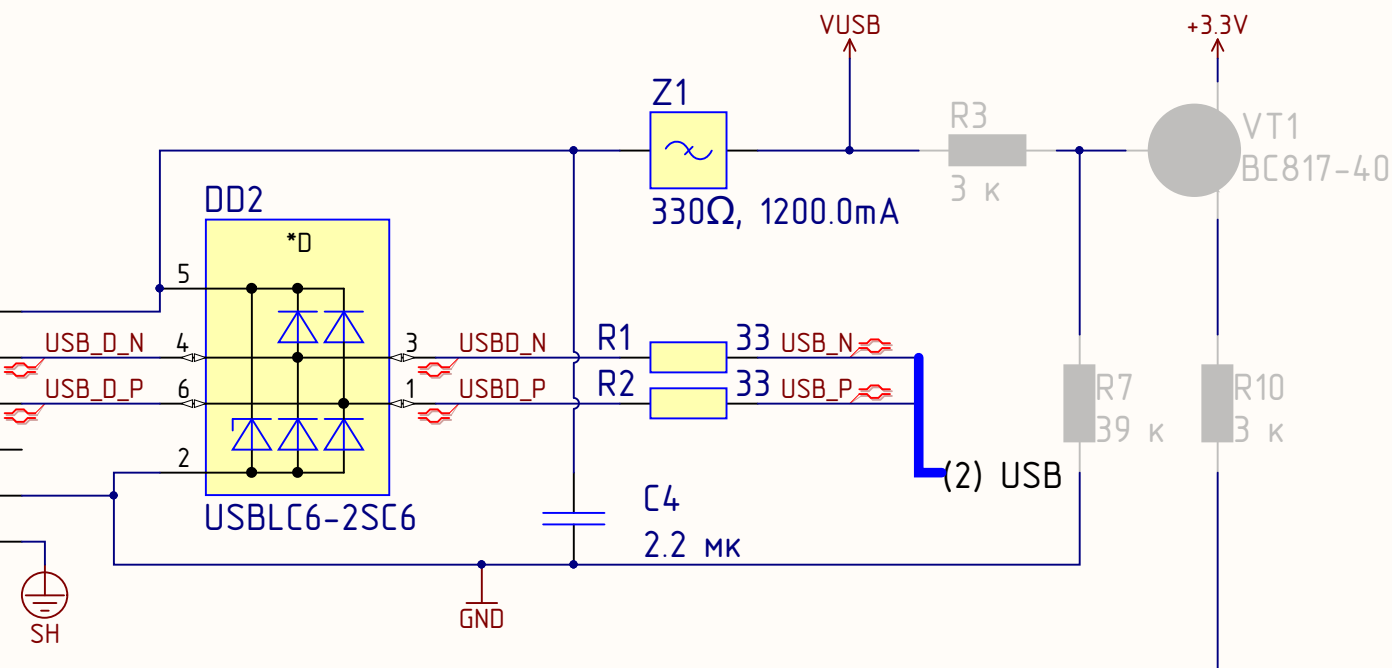


EEZO-Z00'777L97'X1WU/



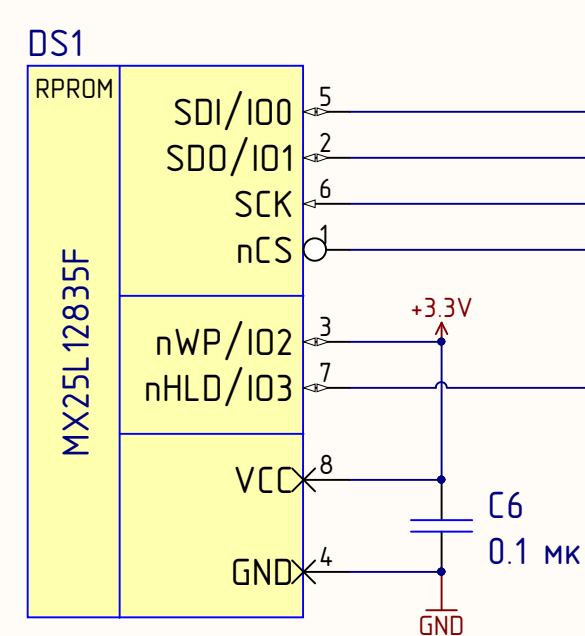
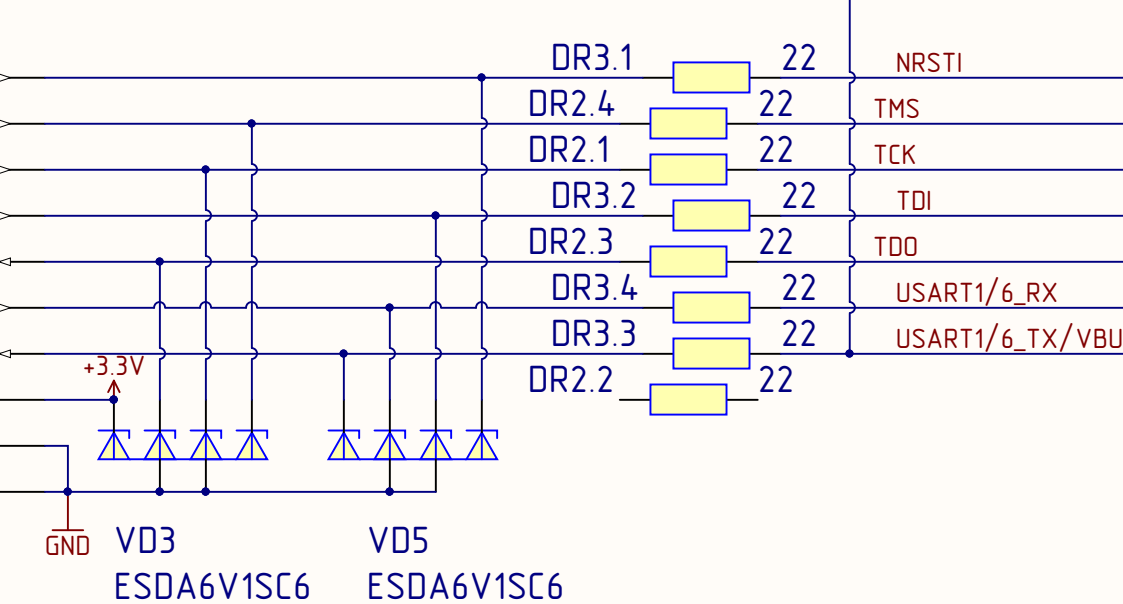
(2) ECON		XP2	Цена
+5V	1	+5 B	
GND	2	GND	
+3.3V	3	VDDIO	
GND	4	GND	
I2C1_SCL	5	SYNC_S	
I2C1_SDA	6	DATA_S	
I2C1_SMBA	7	IRQ_S	
I2C1_Nrst	8	IO_S	
USART2/CAN1_TX	9	SYNC_A	
USART2/CAN1_RX	10	DATA_A	
USART2_RTS	11	IRQ_A	
USART2_CTS	12	IO_A	
USART1_TX	13	SYNC_B	
USART1_RX	14	DATA_B	
USART1_RTS_SW	15	IRQ_B	
USART1_CTS_SW	16	IO_B	
+3.3V	17	VDDIO	
GND	18	GND	
U3_TX/SPI3_MOSI	19	SYNC_C	
U3_RX/SPI3_MISO	20	DATA_C	
U3_RTS/SPI3_SCK	21	IRQ_C	
U3_CTS/SPI3_NCS	22	IO_C	
TIM1_CH1N	23	SYNC_D	
TIM1_CH2N	24	DATA_D	
TIM1_CH3N	25	IRQ_D	
TIM1_BKIN	26	IO_D	
T1_CH1/A5	27	SYNC_E	
T1_CH2/A6	28	DATA_E	
T1_CH3/A8	29	IRQ_E	
T1_CH4/A9	30	IO_E	
+3.3V	31	VDDIO	
GND	32	GND	
RX_N	33	RXN	
LDLA	34	LDLA	
RX_P	35	RXP	
LDSPD	36	LDSPD	
TX_N	37	TXN	
GND	38	EGND	
TX_P	39	TXP	
	40	КОРПУС	

XS1	Цена	←
USB	1	
VBUS	2	
D-	3	
D+	4	
ID	5	
GND		
КОРПУС		

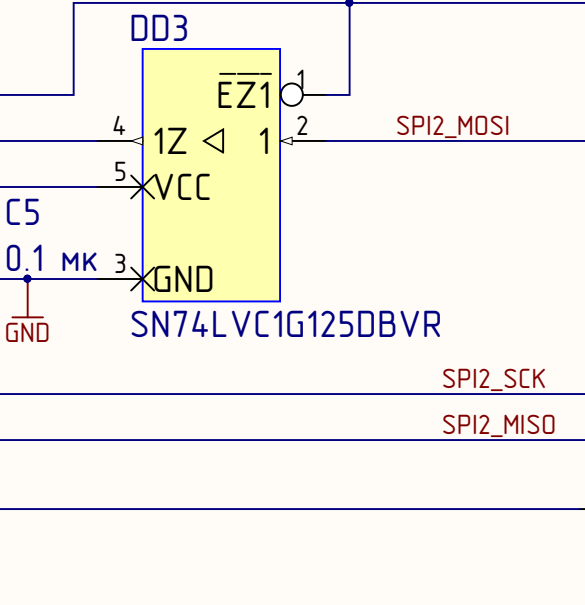
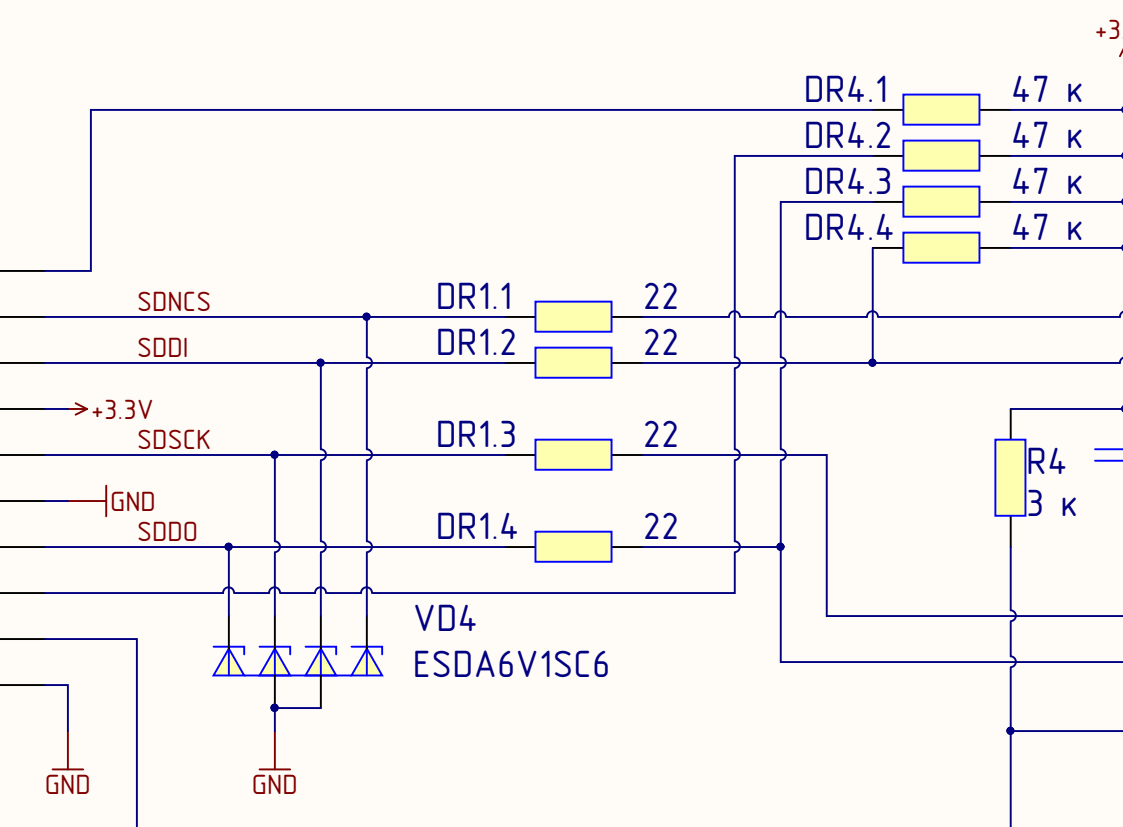


(2) CTLS

XP1	Цена	←
RST#	8	
DCS#	5	
DCK	1	
DDD	9	
DDQ	3	
DRX	6	
DTX	7	
VDD	4	
GND	2	
GND	10	



XS2	SD	→
DAT2	1	
CD/DAT3	2	
CMD	3	
VDD	4	
CLK	5	
GND	6	
DAT0	7	
DAT1	8	
CDDET		
КОРПУС		

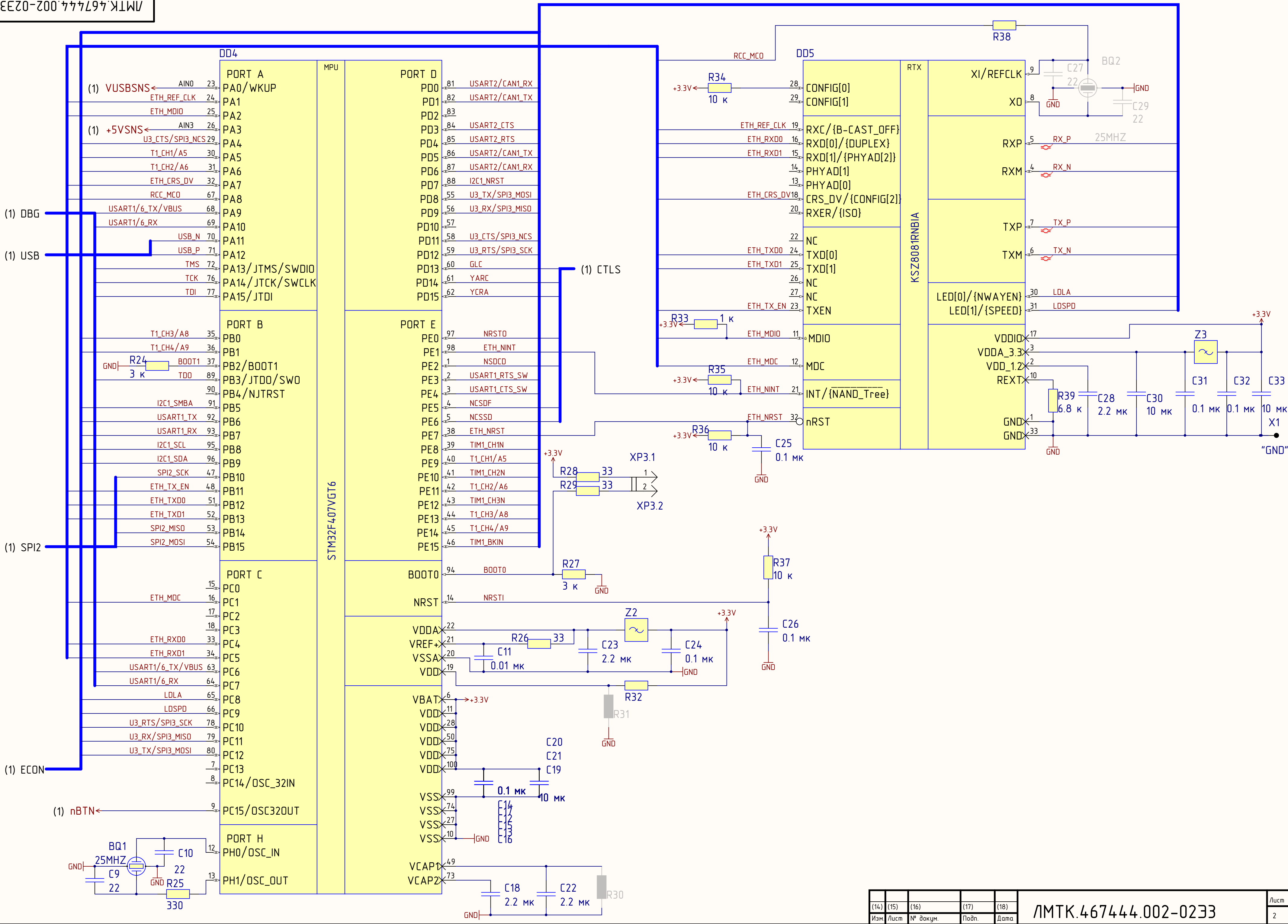


(14)	(15)	(16)	(17)	(18)
Изм.	Лист	№ докум.	Подп.	Дата
Разраб.	Милин			
Пров.				
Т. контр.				
(10)	(11)	(12)	(13)	
Н. контр.				
Умб.				

ЛМТК.467444.002-0233		
SOVA R1 02		
Схема электрическая принципиальная		
Лист 1	Листов 2	

Лист	Масса	Масштаб

Копировал (31) Формат А2



Order Code	PartNumber	Comment	Package	Quantity	Description	Designator	Manufacturer
KX-7T 25.0 MHz	KX-7T 25.0 MHz	25MHZ	SMD3225	1	SMD Quartz Crystal	BQ1	Geyer
CC0603KRX5R6BB225	CC0603KRX5R6BB225	2.2 мк	0603	7	2.2uFx10 V, ±10%, X5R, Case 0603(1608) General Purpose Chip Capacitor	C1, C2, C4, C18, C22, C23, C28	Yageo
CC0402KRX7R8BB103	CC0402KRX7R8BB103	0.01 мк	0402	2	10nFx25 V, ±10%, X7R, Case 0402(1005) Chip Capacitor	C3, C11	Yageo
CC0402KRX7R6BB104	CC0402KRX7R6BB104	0.1 мк	0402	15	0.1uFx10 V, ±10%, X7R, Case 0402(1005) Chip Capacitor	C5, C6, C7, C8, C12, C13, C14, C15, C16, C17, C24, C25, C26, C31, C32	Yageo
CC0402JRNPO9BN220	CC0402JRNPO9BN220	22	0402	2	22pFx50 V, ±5%, NP0, Case 0402(1005) Chip Capacitor	C9, C10	Yageo
CC0805KKX5R6BB106	CC0805KKX5R6BB106	10 мк	0805	5	10uFx10 V, ±10%, X5R, Case 0805(2012) General Purpose Chip Capacitor	C19, C20, C21, C30, C33	Yageo
CAT6219-330TDGT3	CAT6219-330TDGT3	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
SN74LVC1G125DBVR	SN74LVC1G125DBVR	SN74LVC1G125DBVR		1	SINGLE BUS BUFFER GATE WITH 3-STATE OUTPUT	DD3	Texas Instruments
STM32F407VGT6	STM32F407VGT6	STM32F407VGT6	LQFP100	1	ARM Cortex-M4 32b MCU+FPU, 210DMIPS, up to 1MB Flash/192+4KB RAM, USB OTG HS/FS, Ethernet, 17 TIMs, 3 ADCs, 15 comm. interfaces & camera	DD4	STMicroelectronics
KSZ8081RNBIA	KSZ8081RNBIA	KSZ8081RNBIA	QFN32	1	10BASE-T/100BASE-TX Physical Layer Transceiver	DD5	Microchip
YC164-JR-0722RL	YC164-JR-0722RL	22	0603x4	3	22Ohm R-Array/R-Network (convex), Case 0603 x 4 (0612), Power 1/16W (0.0625W)	DR1, DR2, DR3	Yageo
YC164-JR-0747KL	YC164-JR-0747KL	47 к	0603x4	1	47kOhm R-Array/R-Network (convex), Case 0603 x 4 (0612), Power 1/16W (0.0625W)	DR4	Yageo
MX25L12835FM2I-10G	MX25L12835FM2I-10G	MX25L12835F	SO8W	1	3V 128M-BIT [x 1/x 2/x 4] CMOS MXSMIO (SERIAL MULTI I/O) FLASH MEMORY	DS1	Macronix International
RC0402JR-0733RL	RC0402JR-0733RL	33	0402	5	33Ohm General Purpose Chip Resistor, Case 0402 (1005), Power 1/16W (0.0625W)	R1, R2, R26, R28, R29	Yageo
RC0402JR-073KL	RC0402JR-073KL	3 к	0402	8	3kOhm General Purpose Chip Resistor, Case 0402 (1005), Power 1/16W (0.0625W)	R4, R11, R20, R21, R22, R23, R24, R27	Yageo
RC0402JR-0739KL	RC0402JR-0739KL	39 к	0402	2	39kOhm General Purpose Chip Resistor, Case 0402 (1005), Power 1/16W (0.0625W)	R5, R6	Yageo
RC0402JR-0730KL	RC0402JR-0730KL	30 к	0402	2	30kOhm General Purpose Chip Resistor, Case 0402 (1005), Power 1/16W (0.0625W)	R8, R9	Yageo
RC0402JR-07330RL	RC0402JR-07330RL	330	0402	5	330Ohm General Purpose Chip Resistor, Case 0402 (1005), Power 1/16W (0.0625W)	R12, R13, R14, R15, R25	Yageo
RC0402JR-071KL	RC0402JR-071KL	1 к	0402	2	1kOhm General Purpose Chip Resistor, Case 0402 (1005), Power 1/16W (0.0625W)	R16, R33	Yageo
RC0402JR-0710KL	RC0402JR-0710KL	10 к	0402	7	10kOhm General Purpose Chip Resistor, Case 0402 (1005), Power 1/16W (0.0625W)	R17, R18, R19, R34, R35, R36, R37	Yageo
RC0402JR-070RL	RC0402JR-070RL	0	0402	2	0Ohm General Purpose Chip Resistor, Case 0402 (1005), Power 1/16W (0.0625W)	R32, R38	Yageo
RC0402FR-076K8L	RC0402FR-076K8L	6.8 к	0402	1	6.8kOhm ±1% General Purpose Chip Resistor, Case 0402 (1005), Power 1/16W (0.0625W)	R39	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 Rectifier	VD1, VD2	ON Semiconductor
ESDA6V1SC6	ESDA6V1SC6	ESDA6V1SC6	SOT23-6	3	Quad Transil array for ESD protection	VD3, VD4, VD5	STMicroelectronics
КИПД66 Л8-Л	КИПД66 Л8-Л	"РАБОТА"		1	Светодиод 3 мм	VD6	Планета СИД
КИПД45 В8-М	КИПД45 В8-М	"РЕЖИМ"	3 мм	1	Светодиод 3 мм двухцветный красно-жёлтый биполярный	VD7	Планета СИД
	TPR300_200r20	"GND"		1	Печатный контакт 3x2 мм	X1	
DS1014-10SF1B	YPROG_2mm_DCH_T	YPROG		1	YPROG Connector (PLD2-10)	XP1	Connfly
DS1025-05-2*20 P8BV1	B2BMCU_8_6x4_E_T	"Плата ввода-вывода"		1	Соединитель для подключения к плате ввода-вывода PLD2-40	XP2	Connfly
DS1025-01-1*2 P8BV1	PLS2-2	PLS2-2		1	DS1025-01 Series 2mm PIN HEADER V/T TYPE Single ROW STRAIGHT TYPE	XP3	Connfly
DS1104-01-BN0R-ELCH-001	DS1104-01-BN0R-ELCH-001	DS1104-01	USB micro B	1	Micro USB Female 5P	XS1	Connfly
TFC08WP01F-A-R1K-HCN	TFC08WP01F-A-R1K-HCN	SD	MiniSD	1	MicroSD PushPush Card Holder	XS2	AUK Contactor
BLM18PG331SN1#	BLM18PG331SN1#	330Ω, 1200.0mA	0603	3	330Ω@100MHz 1200.0mA 1608(0603) Size	Z1, Z2, Z3	Murata

