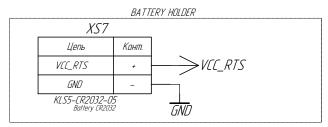
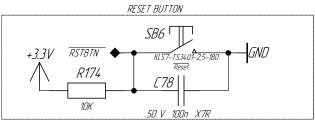
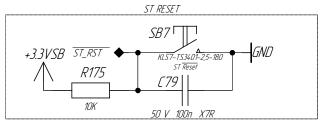


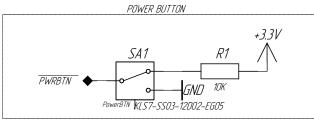
CONTENT:

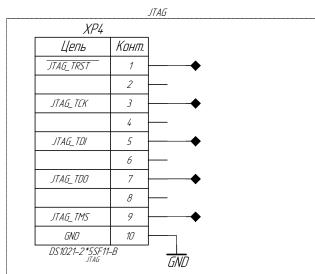
- ◆-01_Connectors_p1
- **◆**-02_Connectors_p2
- **◆**−03_Ethernet0
- ◆-04_Ethernet1
- **◆**−05_STM32F103
- **◆**-06_SERIAL_INTERFACES_p1
- ◆-07_SERIAL_INTERFACES_p2
- **◆**−*08_P0WER*

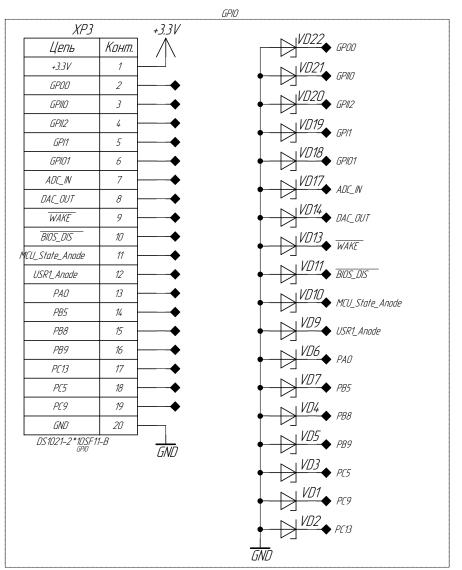


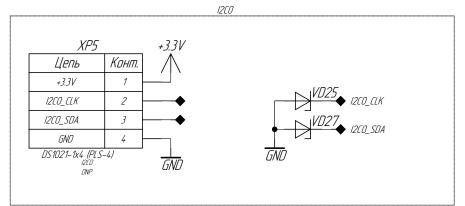


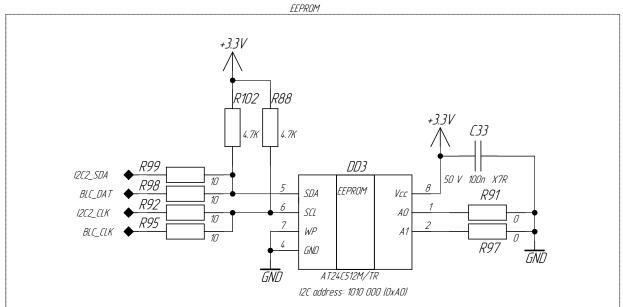


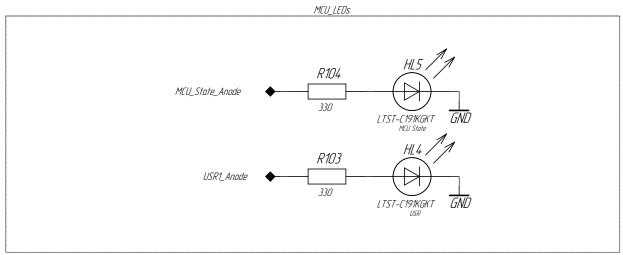


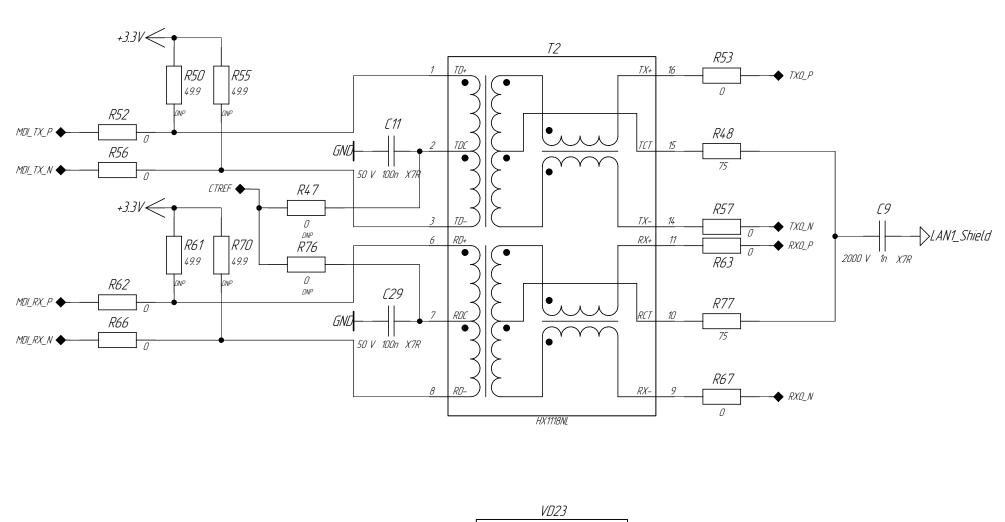


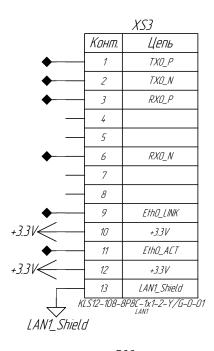


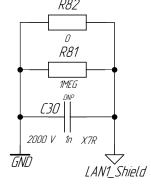


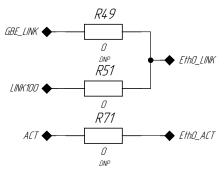


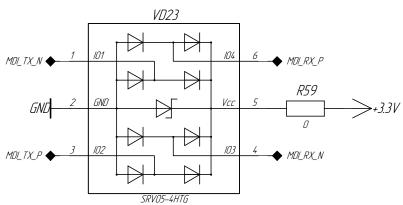


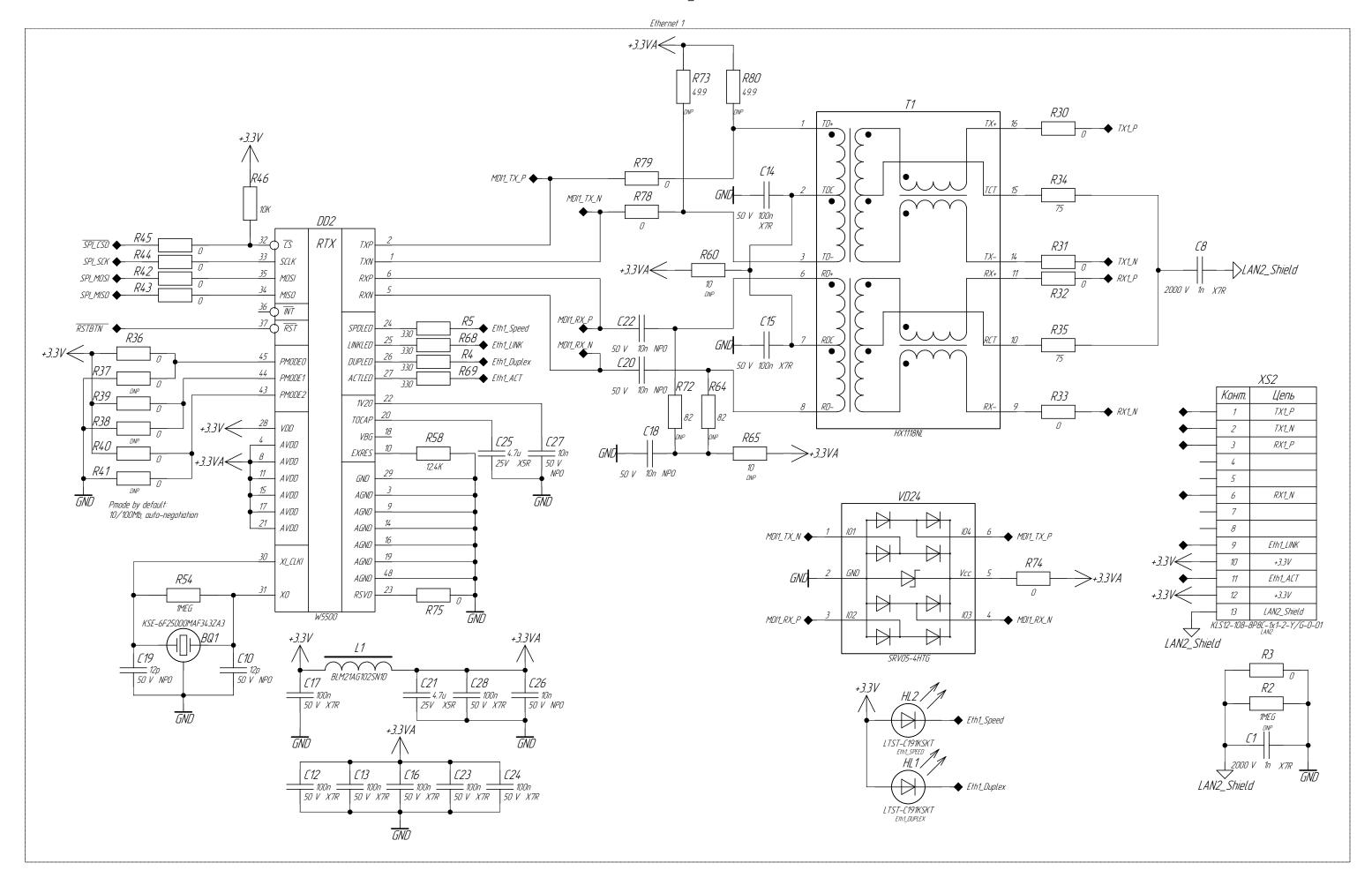


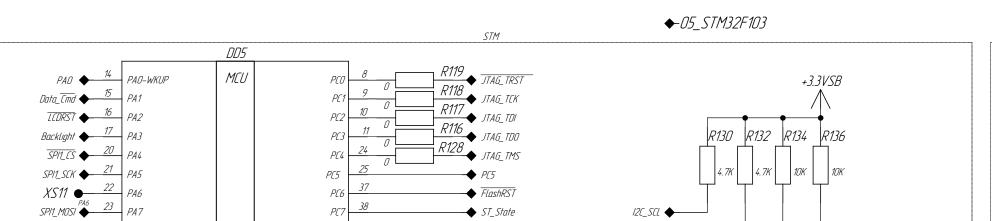












→ ST_USR

→ ST_UART3_TX

→ ST_UART3_RX

→ PC9

→ ST_DIR

◆ PC13

◆ *ST_RST*

+3.3VSB

C51

GND

100n = 100n = 100n 50 V X7R 50 V X7R 50 V X7R

VCC_RTS

12C_SDA ◆

SPI2_CS ◆

FlashRST •

NX3215SA-32.768K-10ppm-45K0hm-6pF

SJK-6F-8.000-16-30-100-B-50

VDDA

4.7u = 10n 25V X5R 50 V NPO

GND

[46

50 V 12p NPO

50 V 12p NPO

50 V 12p NPO

BQ2

[42

BLM21AG102SN1D

PC8

PC9

PC10

PC11

PC12

PC13

PDO(OSC_IN)

PD1(OSC_OUT)

PD2

RESET C

B00T_0

VBA T

VDDA

VDD

VDD

VDD

VDD

VSSA-

GND

GND

GND

GND

STM32F103R8T6

GND

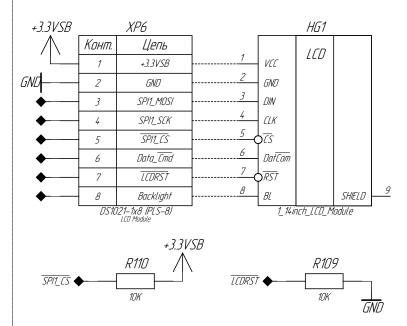
<u>₽02</u>•XS12

>+3.3VSB

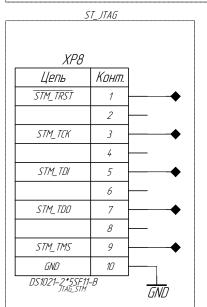
60 R125

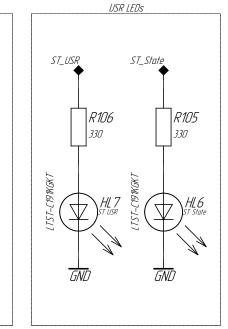
PC14(RCC_OSC32_IN)

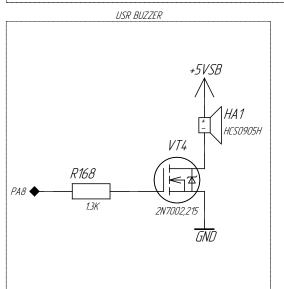
PC15(RCC_OSC32_OUT)



SPI LCD







PA8
41 PA8

 $PA9 \qquad 42 \qquad PA9$

PA 10 • 43 PA 10

STM_TMS

46 PA 13(JTMS-SWDIO)

STM_TCK

49

PA14|JTCK-SWCLK|

STM_TDO \$\frac{55}{PB3(JTD0-TRC_SWO)}

STM_TDI \$\infty\$ 50 PA15(JTDI)

PB0 **◆** 26 *PB0*

PB1 **◆** 27 PB1

STM_TRST \$\infty\$ 56 PB4(n)TRST)

PB5 \$ 57 PB5

1_SDA ← 61 PB8
PB8 ← 61 PB8
PB9

12C_SCL ◆ 29 PB10

SPI2_SCK ◆ 34 PB13

SPI2_MISO ◆ 35 PB14

SPI2_MOSI ◆ 36 PB15

ST_12C1_SCL ◆ 58 PB6

ST_12C1_SDA ◆ 59 PB7

ST_USB_P ◆ 45 PA12

