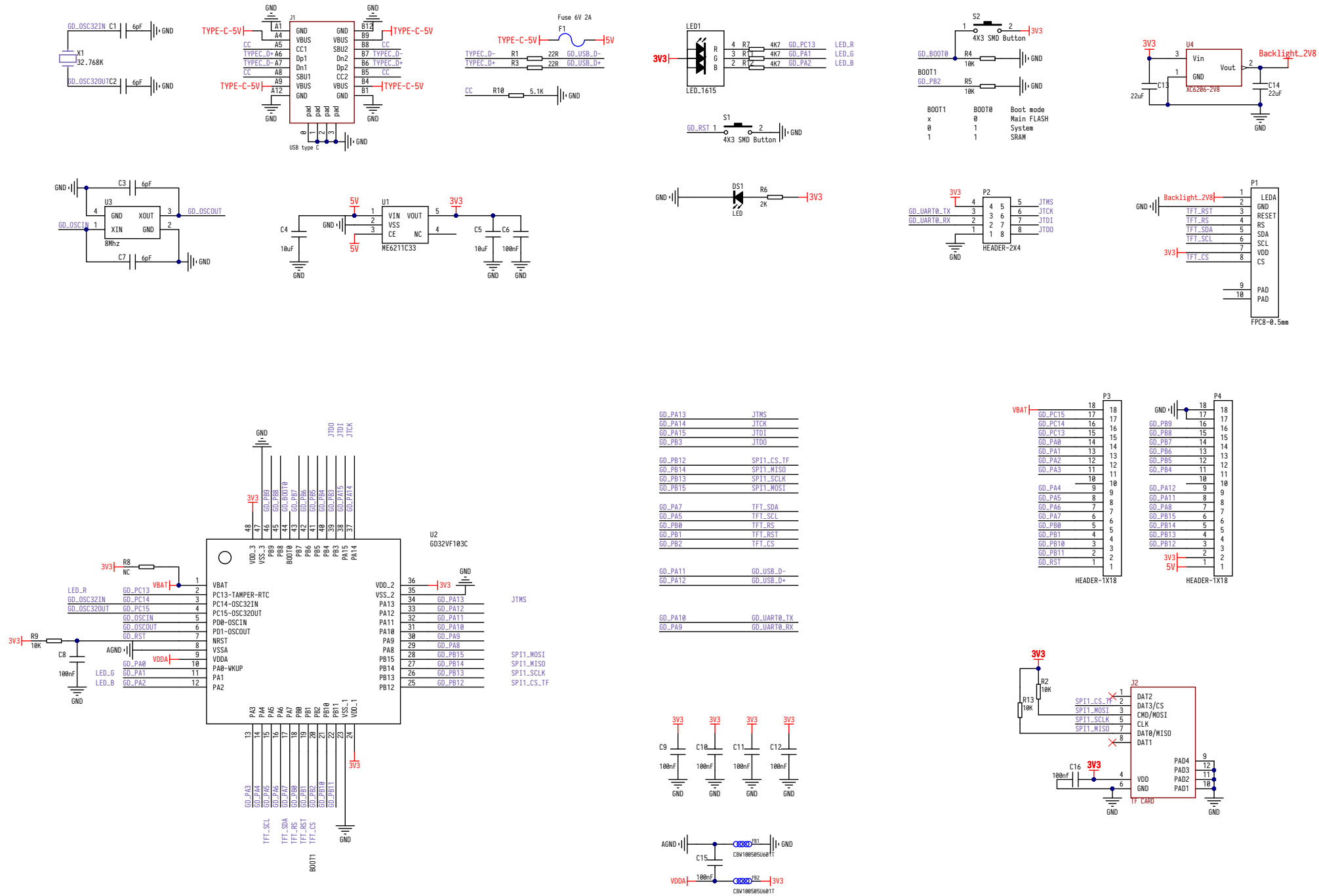
GD_OSC32IN C1 6pF GND
X1 32.768K
GD_OSC32OUT C2 6pF GND
J1
TYPE-C-5V
USB type C
Fuse 6V 2A
F1
TYPEC_D- R1 22R GD_USB_D-
TYPEC_D+ R3 22R GD_USB_D+
CC R10 5.1K GND
LED1
LED_1615
LED_R
LED_G
LED_B
S1
4X3 SMD Button
GD_RST
S2
GD_BOOT0 R4 10K
BOOT1 GD_PB2 R5 10K
BOOT1 BOOT0 Boot mode
x 0 Main FLASH
0 1 System
1 1 SRAM
U4
XC6206-2V8
Backlight_2V8
C13 22uF
C14 22uF
C3 6pF
C7 6pF
U3
8Mhz
GD_OSCOUT
GD_OSCIN
U1
ME6211C33
C4 10uF
C5 10uF
C6 100nF
DS1
LED
R6 2K
P2
HEADER-2X4
GD_UART0_TX
GD_UART0_RX
JTMS
JTCK
JTDI
JTDO
P1
FPC8-0.5mm
TFT_RST
TFT_RS
TFT_SDA
TFT_SCL
TFT_CS
U2
GD32VF103C
R8 NC
R9 10K
C8 100nF
AGND
VDDA
VBAT
LED_R
GD_OSC32IN
GD_OSC32OUT
GD_PC13
GD_PC14
GD_PC15
GD_OSCIN
GD_OSCOUT
GD_RST
GD_PA0
LED_G
LED_B
GD_PA1
GD_PA2
PC13-TAMPER-RTC
PC14-OSC32IN
PC15-OSC32OUT
PD0-OSCIN
PD1-OSCOUT
NRST
VSSA
VDDA
PA0-WKUP
PA1
PA2
GD_PA13
GD_PA12
GD_PA11
GD_PA10
GD_PA9
GD_PA8
GD_PB15
GD_PB14
GD_PB13
GD_PB12
SPI1_MOSI
SPI1_MISO
SPI1_SCLK
SPI1_CS_TF
GD_PA13 JTMS
GD_PA14 JTCK
GD_PA15 JTDI
GD_PB3 JTDO
GD_PB12 SPI1_CS_TF
GD_PB14 SPI1_MISO
GD_PB13 SPI1_SCLK
GD_PB15 SPI1_MOSI
GD_PA7 TFT_SDA
GD_PA5 TFT_SCL
GD_PB0 TFT_RS
GD_PB1 TFT_RST
GD_PB2 TFT_CS
GD_PA11 GD_USB_D-
GD_PA12 GD_USB_D+
GD_PA10 GD_UART0_TX
GD_PA9 GD_UART0_RX
P3
HEADER-1X18
P4
C9 100nF
C10 100nF
C11 100nF
C12 100nF
C15 100nF
FB1 CBW100505U601T
FB2 CBW100505U601T
J2
TF CARD
R2 10K
R13 10K
C16 100nF
DAT2
DAT3/CS
CMD/MOSI
CLK
DAT0/MISO
DAT1
VDD
GND
PAD4
PAD3
PAD2
PAD1