

1

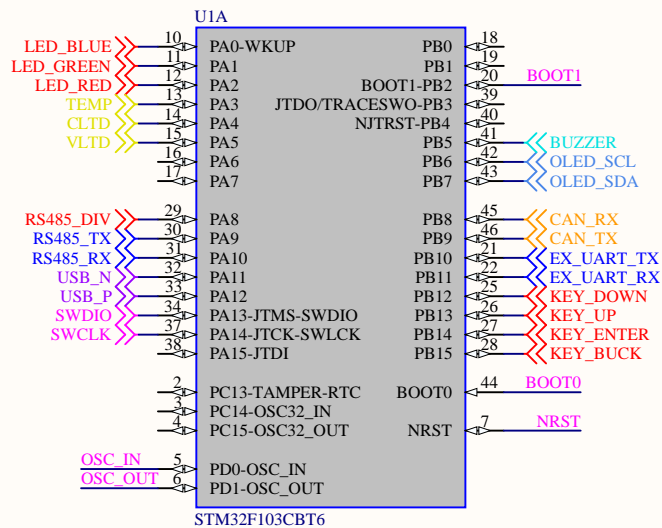
2

3

4

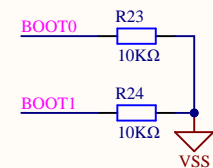
A

A

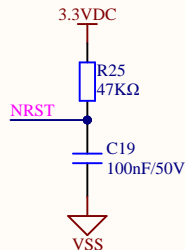


B

B



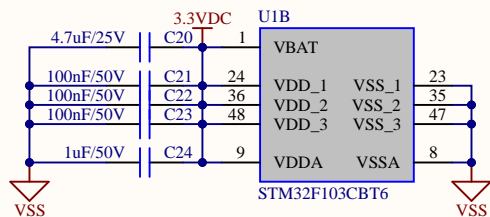
Boot Config



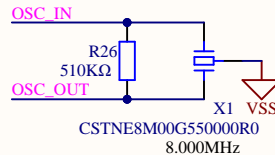
Reset

C

C



MCU Power



Crystal Oscillator

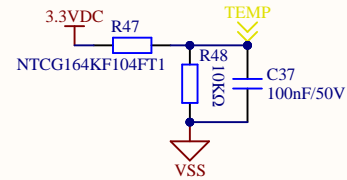
D

D

Device	I/O	AFIO	Hardware
TEMP	PA03	ADC12_IN3	TEMP
VLTD	PA05	ADC12_IN5	VLTD
CLTD	PA04	ADC12_IN4	CLTD
Buzzer	PB05	TIM3_CH2	BUZZER
USB	PA11	USBDM	USB_N
	PA12	USBDP	USB_P
CAN BUS	PB08	CAN_RX	CANBUS_RX
	PB09	CAN_TX	CANBUS_TX
OLED Monitor	PB06	I2C1_SDA	OLED_SCL
	PB07	I2C1_SCL	OLED_SDA
RS485 BUS	PA09	USART1_TX	RS485BUS_TX
	PA10	USART1_RX	RS485BUS_RX
	PA08	GPIO_OUT_PP	RS485_DIV
Extend UART	PB10	USART3_TX	EX_UART_TX
	PB11	USART3_RX	EX_UART_RX
Status LED	PA02	GPIO_OUT_OD	LED_RED
	PA01	GPIO_OUT_OD	LED_GREEN
	PA00	GPIO_OUT_OD	LED_BLUE
Function Button	PB14	GPIO_IN_PU	KEY_ENTER
	PB15	GPIO_IN_PU	KEY_BUCK
	PB13	GPIO_IN_PU	KEY_UP
	PB12	GPIO_IN_PU	KEY_DOWN

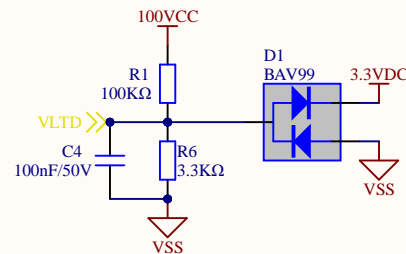
I/O Function Mapping

1



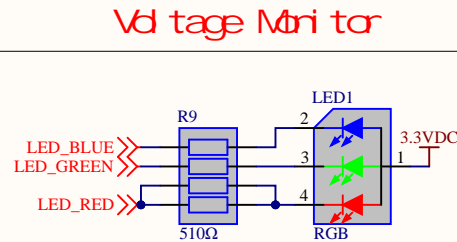
Temperature Monitor

2



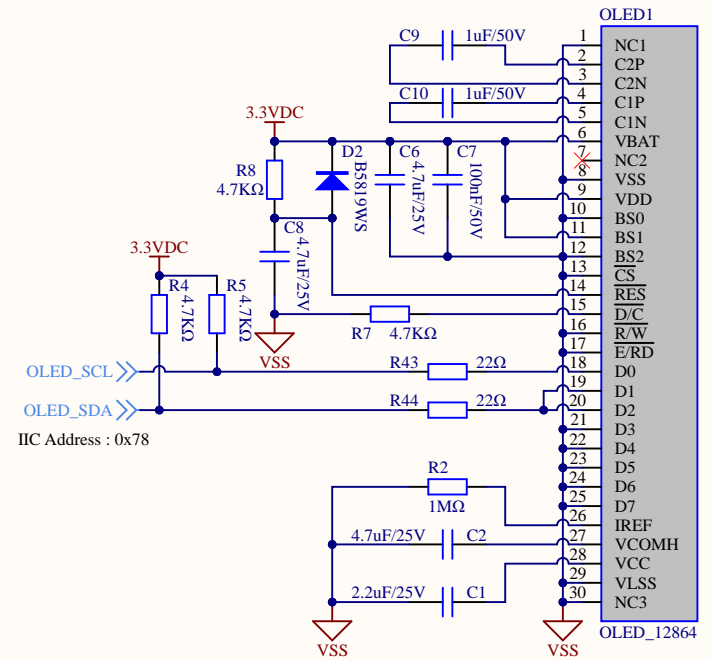
Voltage Monitor

3



Status LED

4



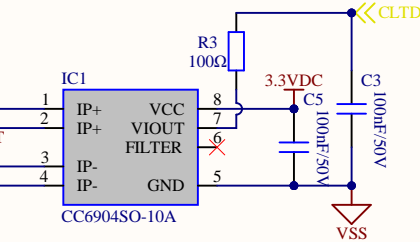
OLED Monitor

A

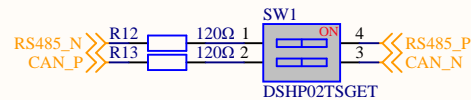
A

B

B



Current Monitor

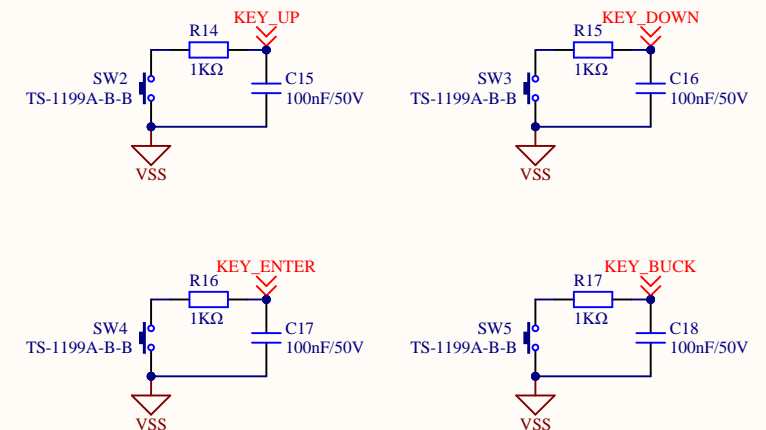


RS485 & CAN OUT Switch

C

C

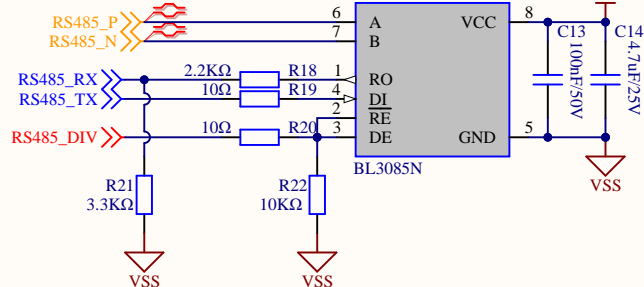
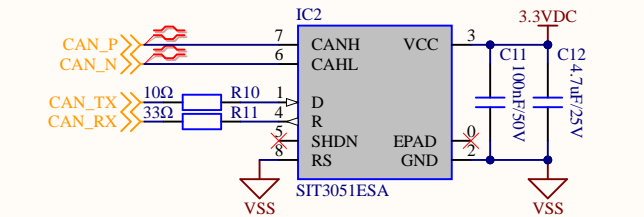
CAN Transceiver



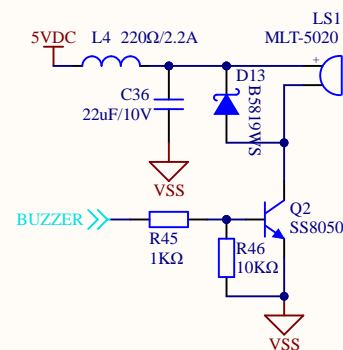
Function Button

D

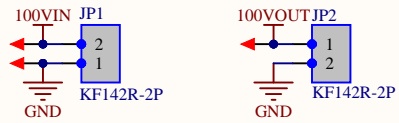
D



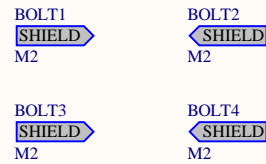
RS485 Transceiver



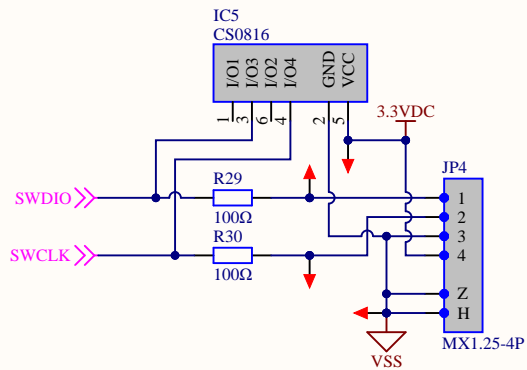
BUZZER



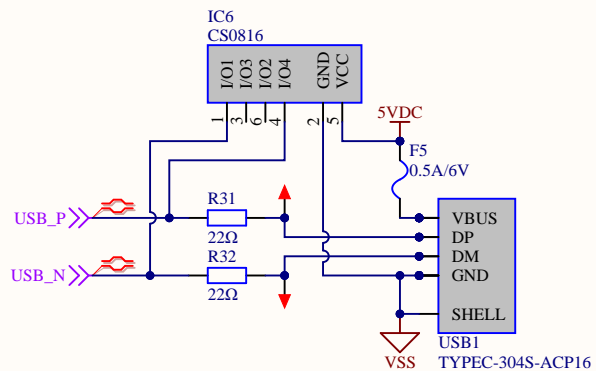
Power Supply



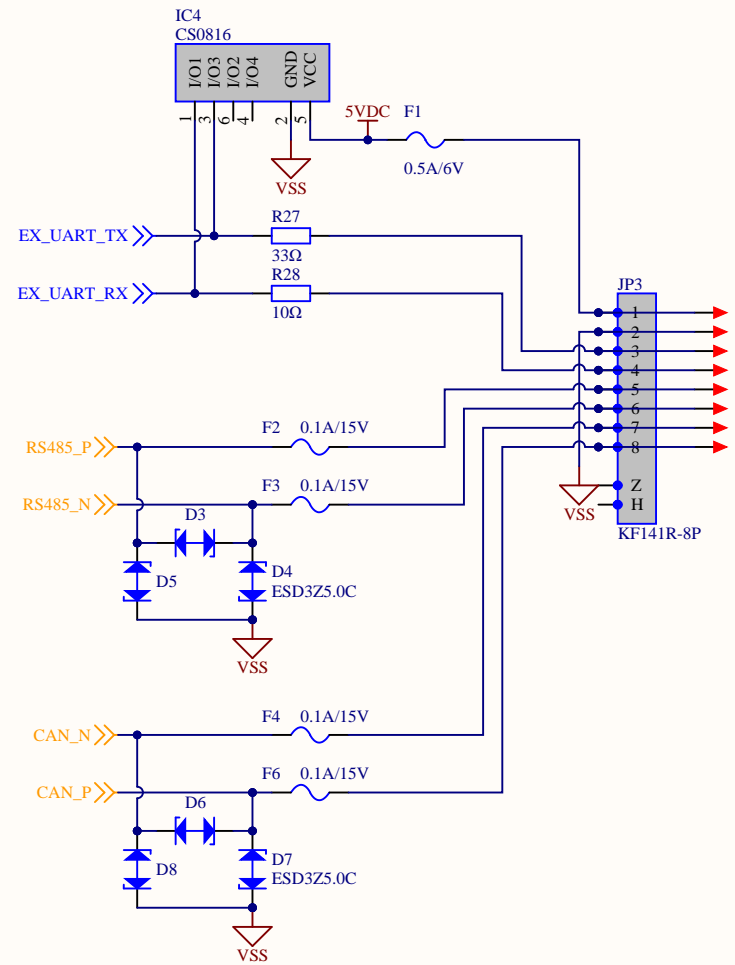
Mounting Hole



Debug Interface



USB Type-C Interface



Communication Interface

