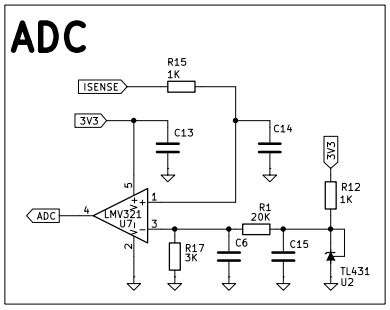
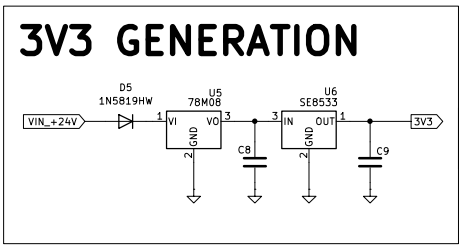
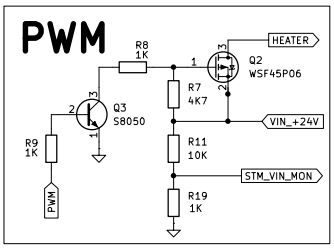
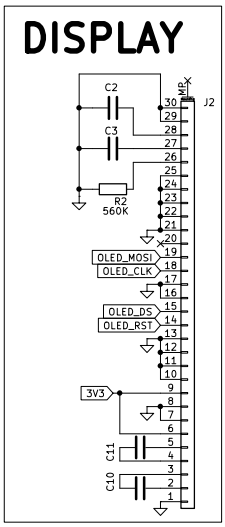
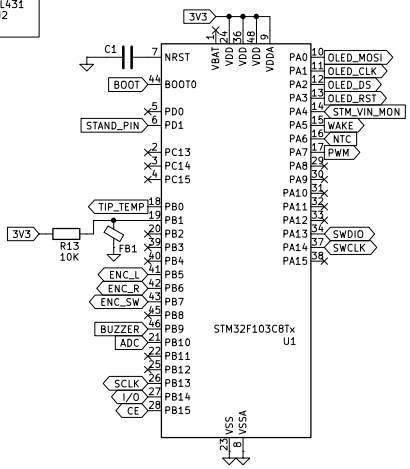
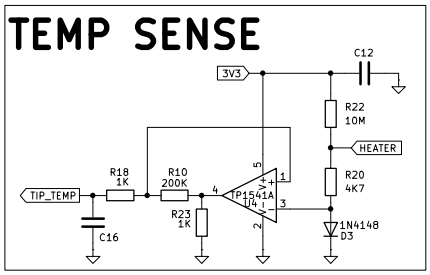

ADC
R15
1K
ISENSE
3V3
C13
C14
3V3
R12
1K
ADC
LMV321
U7
R1
20K
R17
3K
C6
C15
TL431
U2

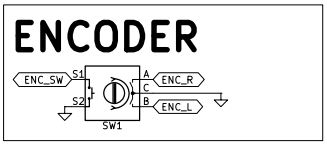

3V3 GENERATION
D5
1N5819HW
U5
78M05
U6
SE8533
VIN_+24V
VI
VO
GND
IN
OUT
3V3
C8
C9

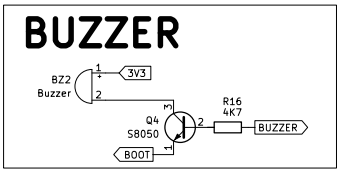

PWM
R8
1K
HEATER
Q2
WSF45P06
Q3
S8050
R7
4K7
R9
1K
PWM
R11
10K
VIN_+24V
STM_VIN_MON
R19
1K

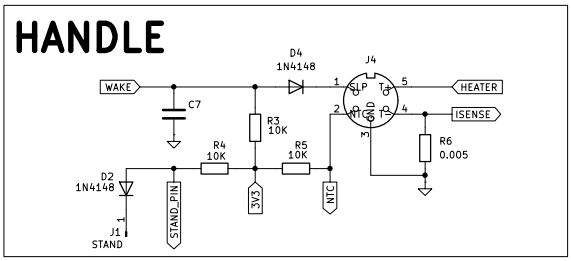

DISPLAY
C2
C3
R2
560K
J2
OLED_MOSI
OLED_CLK
OLED_DS
OLED_RST
3V3
C11
C10

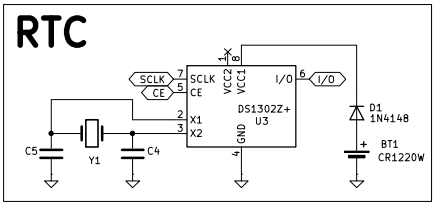

3V3
C1
NRST
VBAT
VDD
VDDA
BOOT
BOOT0
STAND_PIN
PD0
PD1
PC13
PC14
PC15
TIP_TEMP
PB0
3V3
R13
10K
FB1
PB1
PB2
PB3
PB4
PB5
PB6
PB7
PB8
PB9
PB10
PB11
PB12
PB13
PB14
PB15
ENC_L
ENC_R
ENC_SW
BUZZER
ADC
SCLK
I/O
CE
VSS
VSSA
STM32F103C8Tx
U1
PA0
PA1
PA2
PA3
PA4
PA5
PA6
PA7
PA8
PA9
PA10
PA11
PA12
PA13
PA14
PA15
OLED_MOSI
OLED_CLK
OLED_DS
OLED_RST
STM_VIN_MON
WAKE
NTC
PWM
SWDIO
SWCLK

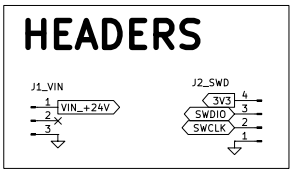

TEMP SENSE
C12
3V3
R22
10M
HEATER
R18
1K
R10
200K
TIP_TEMP
TP1541A
U4
R20
4K7
R23
1K
C16
1N4148
D3


ENCODER
ENC_SW
S1
S2
SW1
A
C
B
ENC_R
ENC_L


BUZZER
BZ2
Buzzer
3V3
R16
4K7
Q4
S8050
BUZZER
BOOT


HANDLE
D4
1N4148
J4
WAKE
C7
HEATER
R3
10K
ISENSE
R4
10K
R5
10K
R6
0.005
D2
1N4148
J1
STAND
STAND_PIN
3V3
NTC


RTC
SCLK
CE
DS1302Z+
U3
VCC2
VCC1
I/O
X1
X2
GND
C5
Y1
C4
D1
1N4148
BT1
CR1220W


HEADERS
J1_VIN
VIN_+24V
J2_SWD
3V3
SWDIO
SWCLK