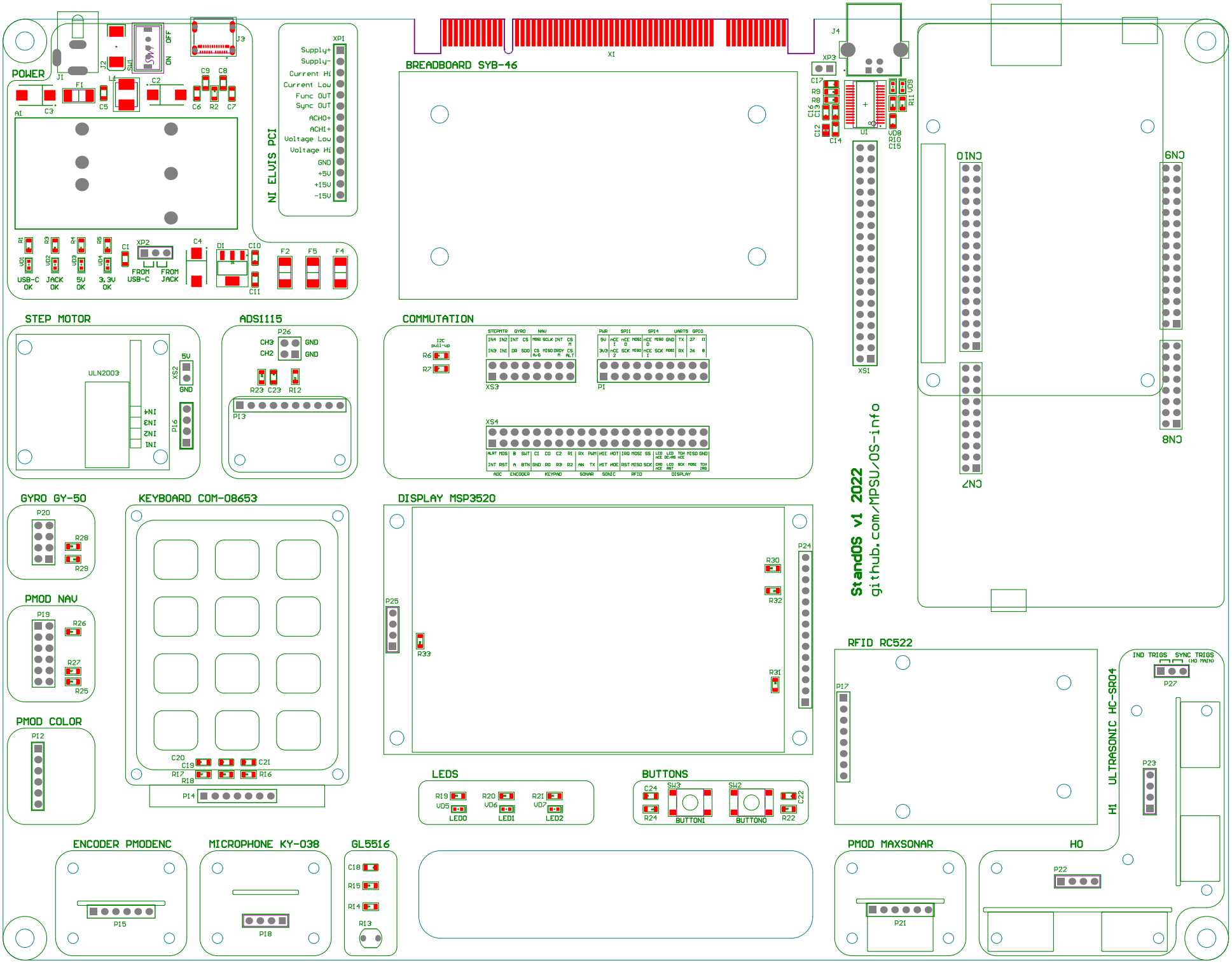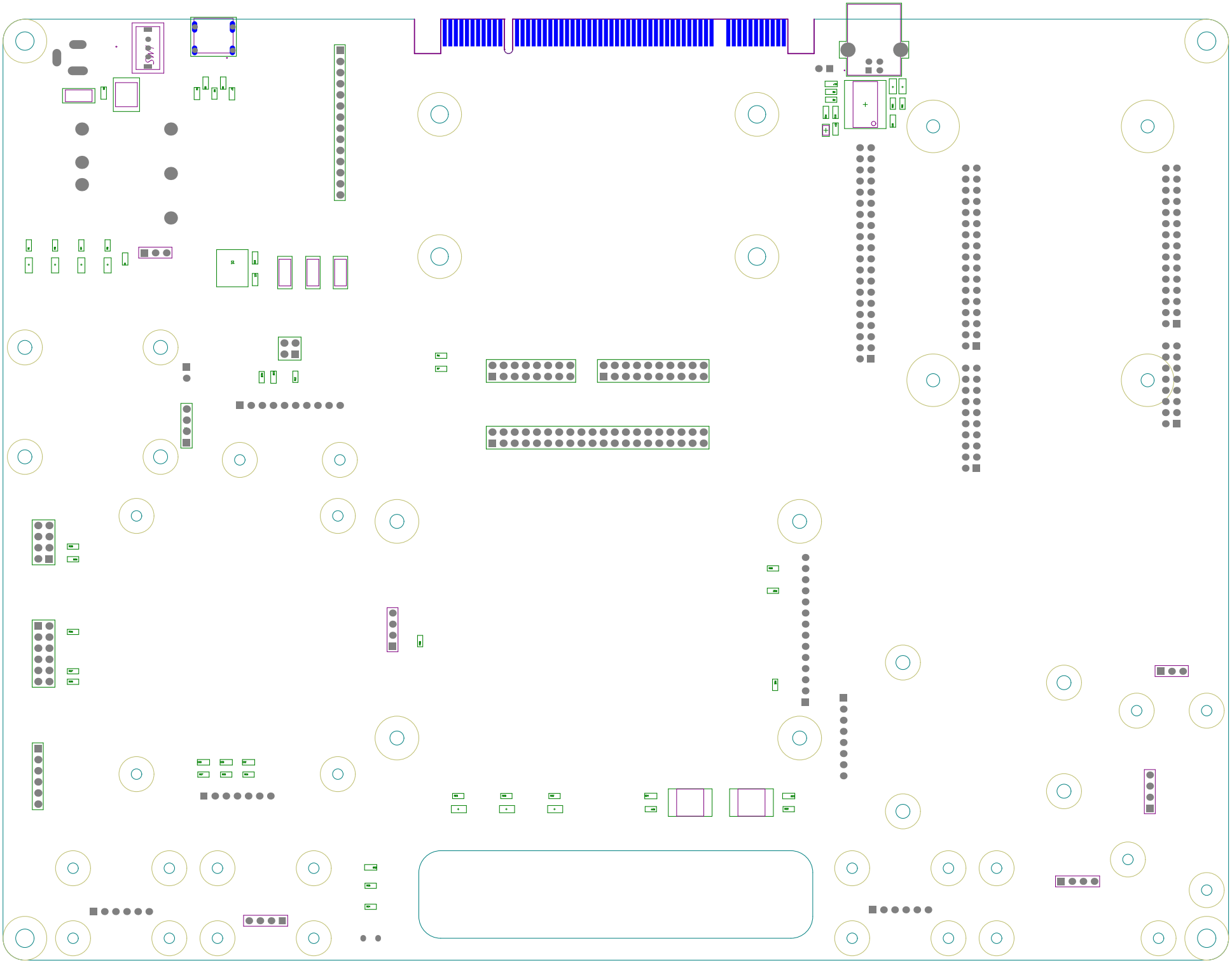
POWER
J1
J2
SW1
ON OFF
J3
F1
L4
C2
C3
C5
C6
R2
C7
C9
C8
A1
NI ELVIS PCI
XP1
Supply+
Supply-
Current Hi
Current Lo
Func OUT
Sync OUT
ACH0+
ACH1+
Voltage Lo
Voltage Hi
GND
+5V
+15V
-15V
R1
R3
R4
R5
VD1
VD2
VD3
VD4
USB-C OK
JACK OK
5V OK
3.3V OK
C1
XP2
FROM USB-C
FROM JACK
C4
D1
C10
C11
F2
F5
F4
BREADBOARD SYB-46
X1
J4
XP3
C17
R9
R8
C16
C13
C12
C14
U1
R11
VD9
VD8
R10
C15
XS1
CN10
CN9
CN8
CN7
StandOS v1 2022
github.com/MPSU/OS-info
STEP MOTOR
ULN2003
5V
XS2
GND
IN4
IN3
IN2
IN1
P16
ADS1115
P26
CH3
CH2
GND
GND
R23
C23
R12
P13
COMMUTATION
I2C pull-up
R6
R7
STEPMTR
GYRO
NAV
PWR
SPI1
SPI4
UART5
GPIO
XS3
P1
XS4
ADC
ENCODER
KEYPAD
SONAR
SONIC
RFID
DISPLAY
GYRO GY-50
P20
R28
R29
KEYBOARD COM-08653
C20
C19
C21
R17
R18
R16
P14
DISPLAY MSP3520
P25
R33
P24
R30
R32
R31
PMOD NAV
P19
R26
R27
R25
PMOD COLOR
P12
RFID RC522
P17
H1 ULTRASONIC HC-SR04
IND TRIGS
SYNC TRIGS (HO PWM)
P27
P23
LEDS
R19
VD5
LED0
R20
VD6
LED1
R21
VD7
LED2
BUTTONS
C24
SW3
SW2
C22
R24
BUTTON1
BUTTON0
R22
ENCODER PMODENC
P15
MICROPHONE KY-038
P18
GL5516
C18
R15
R14
R13
PMOD MAXSONAR
P21
H0
P22