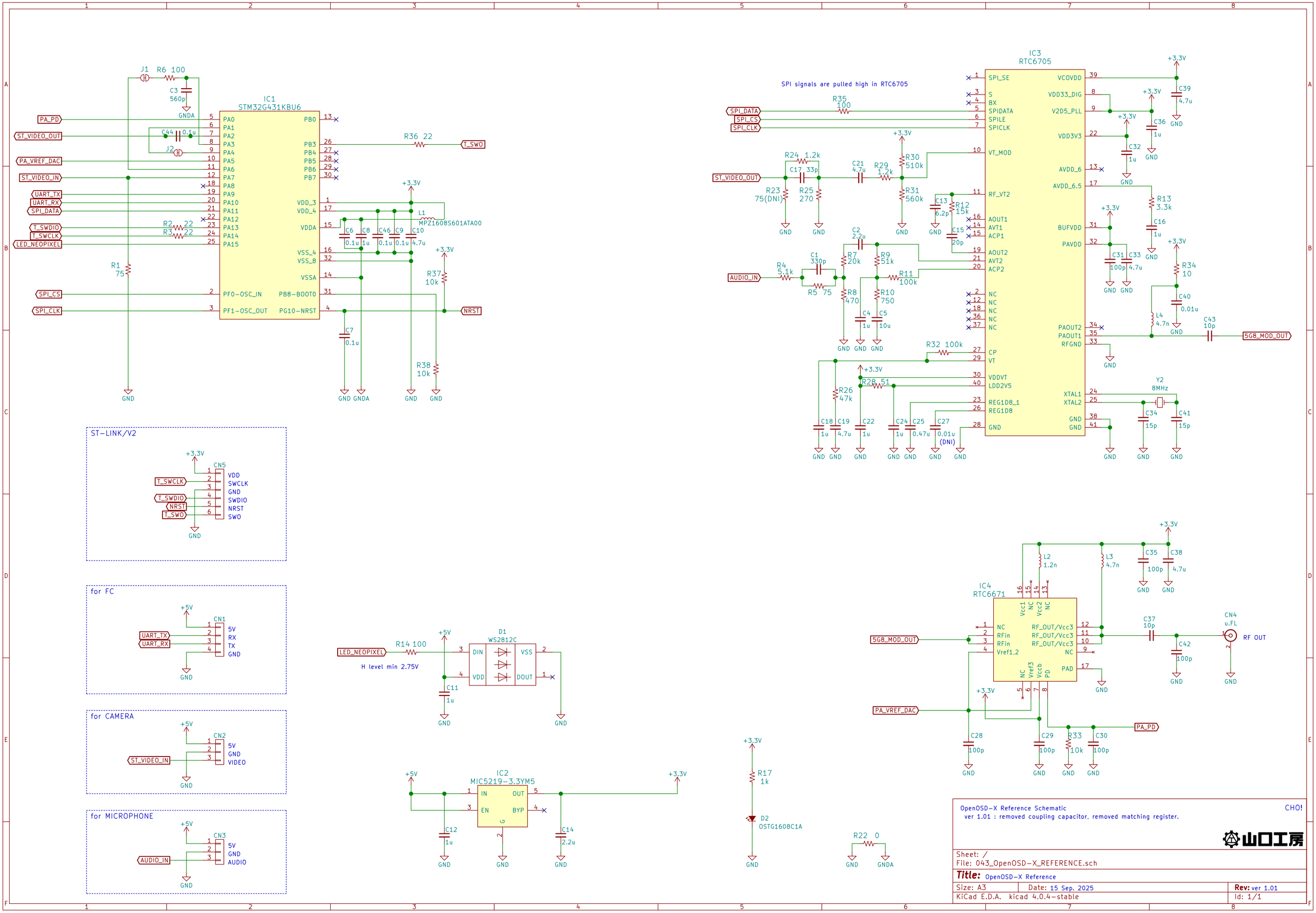
IC1
STM32G431KBU6
IC3
RTC6705
IC4
RTC6671
IC2
MIC5219-3.3YM5
D1
WS2812C
SPI signals are pulled high in RTC6705
ST-LINK/V2
for FC
for CAMERA
for MICROPHONE
PA_PD
ST_VIDEO_OUT
PA_VREF_DAC
ST_VIDEO_IN
UART_TX
UART_RX
SPI_DATA
T_SWDIO
T_SWCLK
LED_NEOPIXEL
SPI_CS
SPI_CLK
T_SWO
NRST
AUDIO_IN
5G8_MOD_OUT
RF OUT
H level min 2.75V
OpenOSD-X Reference Schematic
ver 1.01 : removed coupling capacitor, removed matching register.
CHO!
山口工房
Sheet: /
File: 043_OpenOSD-X_REFERENCE.sch
Title: OpenOSD-X Reference
Size: A3
Date: 15 Sep. 2025
Rev: ver 1.01
KiCad E.D.A. kicad 4.0.4-stable
Id: 1/1