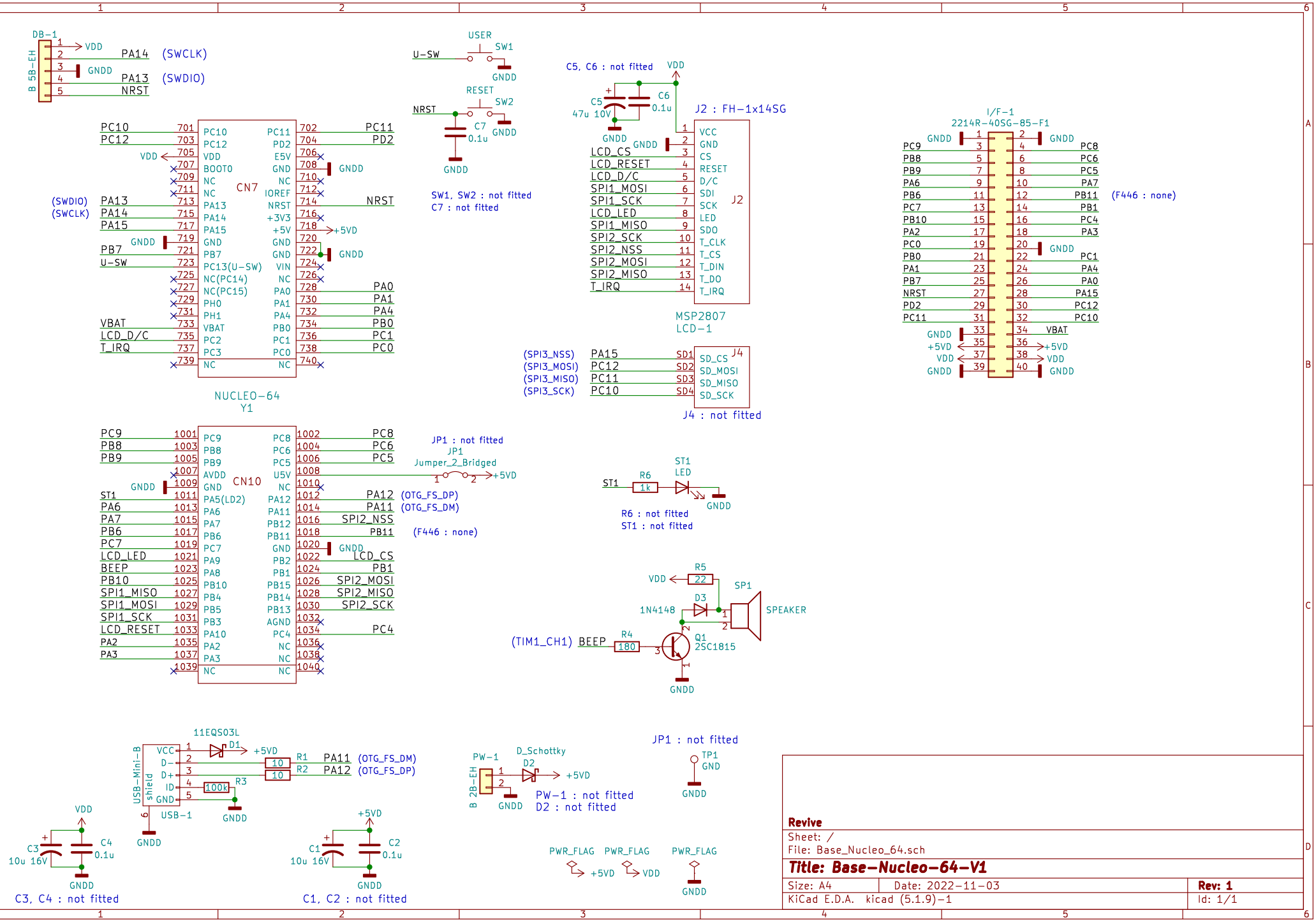
DB-1
B 5B-EH
VDD
PA14 (SWCLK)
GNDD
PA13 (SWDIO)
NRST
USER
SW1
U-SW
GNDD
RESET
SW2
NRST
C7
0.1u
GNDD
SW1, SW2 : not fitted
C7 : not fitted
C5, C6 : not fitted
C5
47u 10V
C6
0.1u
J2 : FH-1x14SG
VCC
GND
CS
RESET
D/C
SDI
SCK
LED
SDO
T_CLK
T_CS
T_DIN
T_DO
T_IRQ
J2
LCD_CS
LCD_RESET
LCD_D/C
SPI1_MOSI
SPI1_SCK
LCD_LED
SPI1_MISO
SPI2_SCK
SPI2_NSS
SPI2_MOSI
SPI2_MISO
T_IRQ
MSP2807
LCD-1
I/F-1
2214R-40SG-85-F1
(F446 : none)
CN7
NUCLEO-64
Y1
(SWDIO)
(SWCLK)
VBAT
U-SW
LCD_D/C
T_IRQ
CN10
ST1
BEEP
LCD_RESET
SPI1_MISO
SPI1_MOSI
SPI1_SCK
SPI2_NSS
SPI2_MOSI
SPI2_MISO
SPI2_SCK
(OTG_FS_DP)
(OTG_FS_DM)
JP1 : not fitted
JP1
Jumper_2_Bridged
+5VD
(F446 : none)
J4
SD_CS
SD_MOSI
SD_MISO
SD_SCK
(SPI3_NSS)
(SPI3_MOSI)
(SPI3_MISO)
(SPI3_SCK)
J4 : not fitted
ST1
LED
R6
1k
R6 : not fitted
ST1 : not fitted
R5
22
SP1
SPEAKER
D3
1N4148
R4
180
Q1
2SC1815
(TIM1_CH1) BEEP
11EQS03L
USB-Mini-B
shield
USB-1
D1
R1
R2
10
R3
100k
PA11 (OTG_FS_DM)
PA12 (OTG_FS_DP)
C3
10u 16V
C4
0.1u
C3, C4 : not fitted
C1
10u 16V
C2
0.1u
C1, C2 : not fitted
PW-1
B 2B-FH
D_Schottky
D2
PW-1 : not fitted
D2 : not fitted
JP1 : not fitted
TP1
PWR_FLAG
Revive
Sheet: /
File: Base_Nucleo_64.sch
Title: Base-Nucleo-64-V1
Size: A4
Date: 2022-11-03
Rev: 1
KiCad E.D.A. kicad (5.1.9)-1
Id: 1/1