TFT :
  AO → IO27
  CLK → IO18
  DIN → IO23
  CS → IO14

PCM5102 : (I2S output)
  LCK → IO26
  DIN → IO33
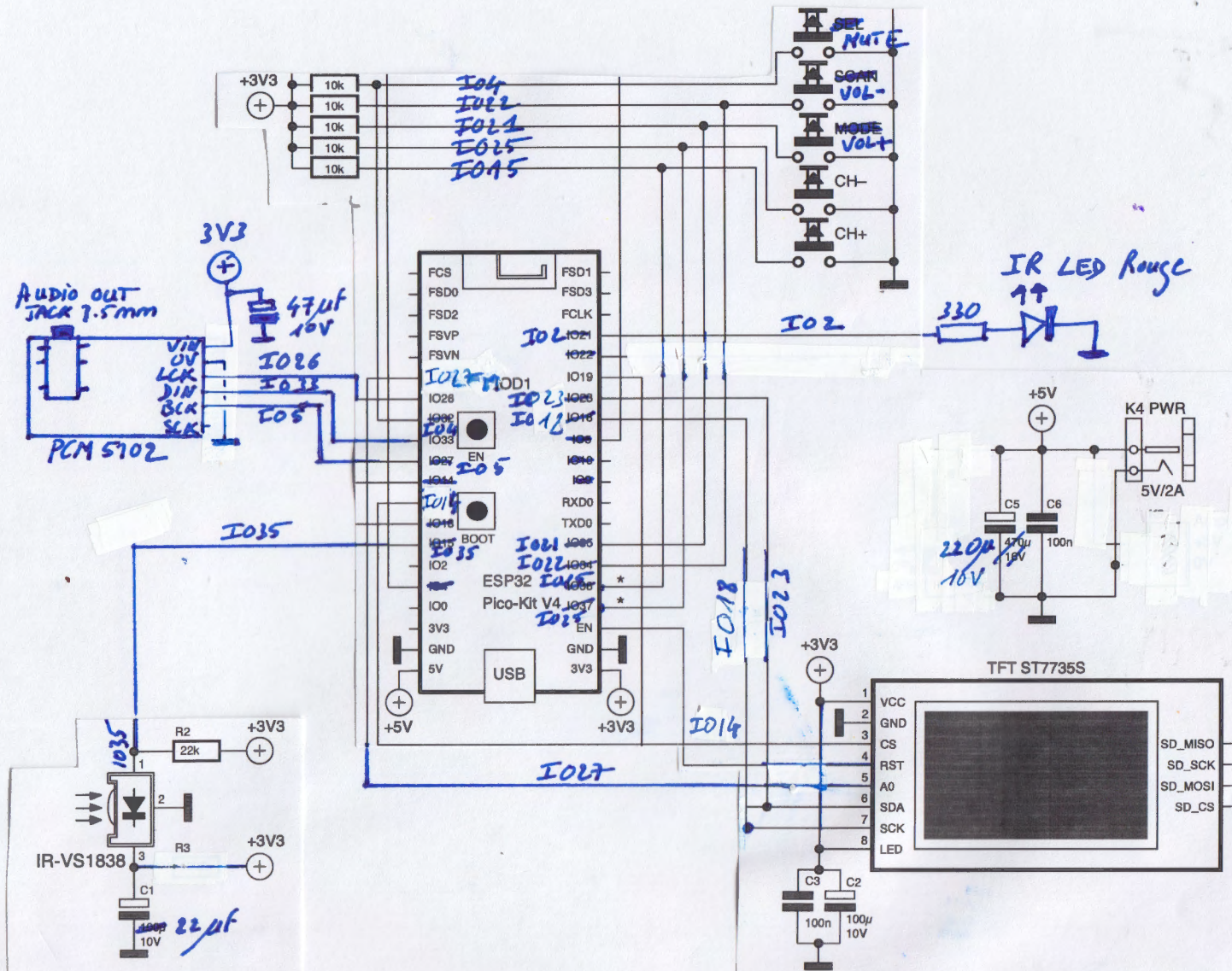 BLK → IO05

VS1838 :
  OUT → IO35

LED IR :
  +LED → IO2

KEYBOARD :
  MUTE → IO4
  VOL- → IO22
  VOL+ → IO24
  CH - → IO25
  CH + → IO15

+3V3

10k
10k
10k
10k
10k

IO4
IO22
IO21
IO25
IO15

SET MUTE
SCAN VOL-
MUTE VOL+
CH-
CH+

IR LED Rouge

IO2   330

3V3

AUDIO OUT
JACK 3.5mm

47µf
10V

VIN
OV
LCK   IO26
DIN   IO33
BLK   IO5
SCK

PCM5102

FCS   FSD1
FSD0   FSD3
FSD2   FCLK
FSVP
FSVN
             IO2 IO21
IO27 MOD1   IO22
IO28   IO19
             IO23 IO26
             IO18
IO32   IO5
IO33   EN
IO34   IO5
IO37   IO16
IO14   IO4
IO16   BOOT   RXD0
IO35   TXD0
IO2   IO21
IO0   IO22
3V3   ESP32   IO15
GND   Pico-Kit V4   IO37
5V   EN
         USB   GND
             3V3

+5V   +3V3

IO18
IO23

+5V
220µ
10V
470µ   100n
16V
C5   C6

K4 PWR
5V/2A

IO35

R2   +3V3
22k

IO35

IR-VS1838
R3   +3V3

C1
22µf
10V

IO14

IO27

+3V3

TFT ST7735S
1 VCC
2 GND
3 CS   SD_MISO
4 RST   SD_SCK
5 AO   SD_MOSI
6 SDA   SD_CS
7 SCK
8 LED

C3   C2
100n 100µ
      10V

ESP32 - Radio Internet
13·02·2023   V1·0