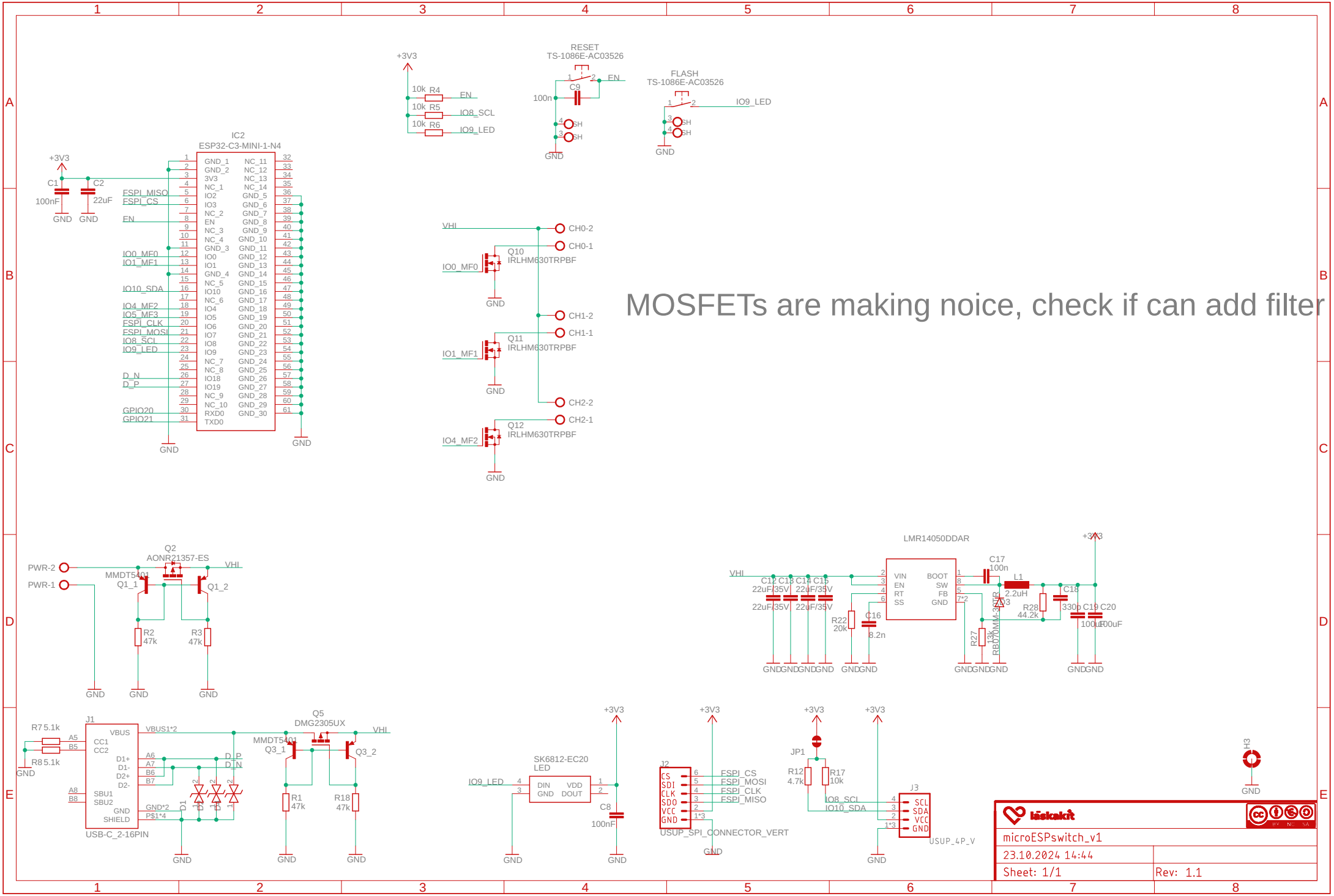
MOSFETs are making noice, check if can add filter
IC2
ESP32-C3-MINI-1-N4
+3V3
C1
100nF
C2
22uF
GND
ESPI_MISO
ESPI_CS
EN
IO0_MF0
IO1_MF1
IO10_SDA
IO4_MF2
IO5_MF3
ESPI_CLK
ESPI_MOSI
IO8_SCL
IO9_LED
D_N
D_P
GPIO20
GPIO21
RESET
TS-1086E-AC03526
C9
100n
FLASH
TS-1086E-AC03526
R4 10k
R5 10k
R6 10k
VHI
CH0-2
CH0-1
CH1-2
CH1-1
CH2-2
CH2-1
Q10
IRLHM630TRPBF
Q11
IRLHM630TRPBF
Q12
IRLHM630TRPBF
Q2
AONR21357-ES
PWR-2
PWR-1
MMDT5401
Q1_1
Q1_2
R2 47k
R3 47k
LMR14050DDAR
VIN
EN
RT
SS
BOOT
SW
FB
GND
C12 C13 C14 C15
22uF/35V
C16
8.2n
R22 20k
C17
100n
L1
2.2uH
D3
RB070MM-30TR
R27 13k
R28 44.2k
C18
330p
C19 C20
100uF
R7 5.1k
R8 5.1k
J1
VBUS
CC1
CC2
D1+
D1-
D2+
D2-
SBU1
SBU2
GND
SHIELD
USB-C_2-16PIN
VBUS1*2
D_P
D_N
GND*2
P$1*4
Q5
DMG2305UX
Q3_1
Q3_2
R1 47k
R18 47k
SK6812-EC20
LED
DIN
VDD
DOUT
C8
100nF
IO9_LED
J2
CS
SDI
CLK
SDO
VCC
USUP_SPI_CONNECTOR_VERT
JP1
R12 4.7k
R17 10k
J3
SCL
SDA
USUP_4P_V
H3
microESPswitch_v1
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