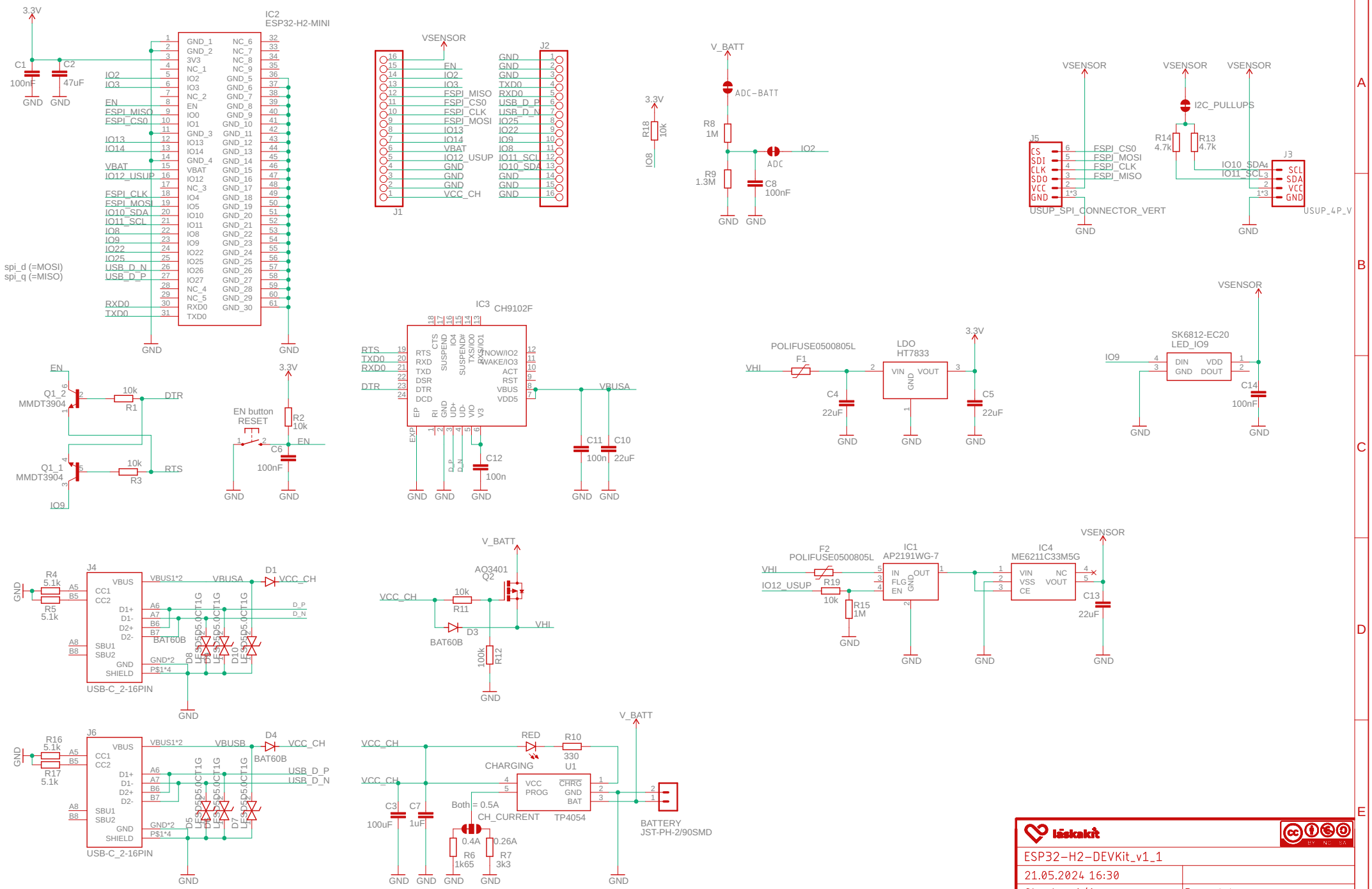
IC2
ESP32-H2-MINI
3.3V
C1
100nF
C2
47uF
GND
J1
VSENSOR
J2
V_BATT
ADC-BATT
R8
1M
R9
1.3M
C8
100nF
ADC
IO2
R18
10k
IO8
J5
USUP_SPI_CONNECTOR_VERT
FSPI_CS0
FSPI_MOSI
FSPI_CLK
FSPI_MISO
I2C_PULLUPS
R14
4.7k
R13
4.7k
IO10_SDA
IO11_SCL
J3
USUP_4P_V
spi_d (=MOSI)
spi_q (=MISO)
EN
Q1_2
MMDT3904
10k
R1
DTR
Q1_1
R3
RTS
IO9
EN button
RESET
R2
10k
C6
100nF
IC3
CH9102F
VBUSA
C11
100n
C10
22uF
C12
100n
POLIFUSE0500805L
F1
VHI
C4
22uF
LDO
HT7833
VIN
VOUT
C5
22uF
SK6812-EC20
LED_IO9
DIN
VDD
DOUT
C14
100nF
R4
5.1k
R5
5.1k
J4
USB-C_2-16PIN
VBUS1*2
VBUSA
D1
VCC_CH
D_P
D_N
BAT60B
GND*2
P$1*4
AO3401
Q2
R11
10k
D3
BAT60B
R12
100k
F2
POLIFUSE0500805L
IC1
AP2191WG-7
IN
FLG
EN
OUT
R19
10k
R15
1M
IC4
ME6211C33M5G
VIN
VSS
CE
NC
VOUT
C13
22uF
R16
5.1k
R17
5.1k
J6
VBUSB
D4
USB_D_P
USB_D_N
RED
R10
330
CHARGING
U1
VCC
PROG
CHRG
BAT
TP4054
C3
100uF
C7
1uF
Both = 0.5A
CH_CURRENT
0.4A
0.26A
R6
1k65
R7
3k3
BATTERY
JST-PH-2/90SMD
ESP32-H2-DEVKit_v1_1
21.05.2024 16:30
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