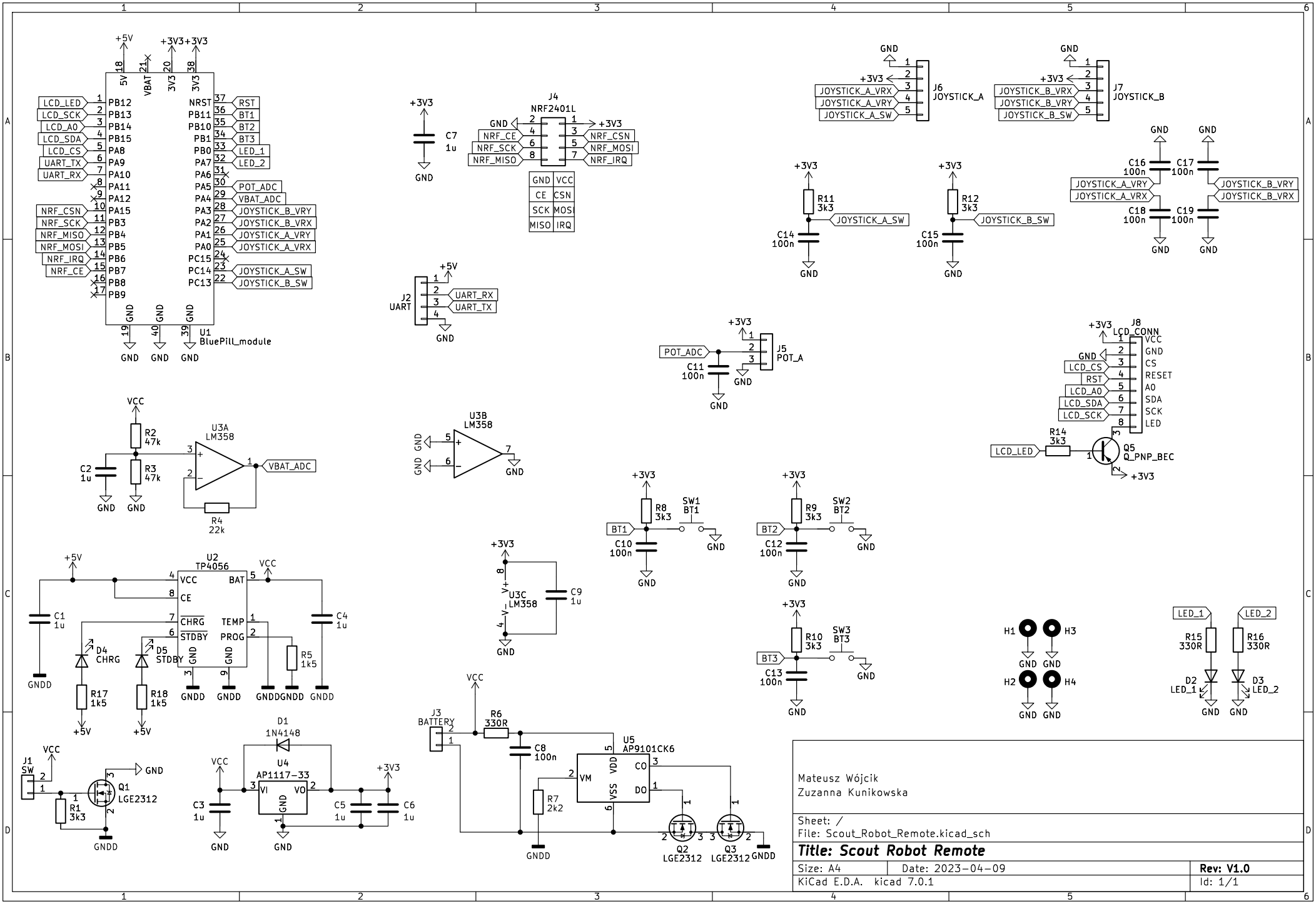
U1
BluePill_module
PB12 LCD_LED
PB13 LCD_SCK
PB14 LCD_A0
PB15 LCD_SDA
PA8 LCD_CS
PA9 UART_TX
PA10 UART_RX
PA11
PA12
PA15 NRF_CSN
PB3 NRF_SCK
PB4 NRF_MISO
PB5 NRF_MOSI
PB6 NRF_IRQ
PB7 NRF_CE
PB8
PB9
NRST RST
PB11 BT1
PB10 BT2
PB1 BT3
PB0 LED_1
PA7 LED_2
PA6
PA5 POT_ADC
PA4 VBAT_ADC
PA3 JOYSTICK_B_VRY
PA2 JOYSTICK_B_VRX
PA1 JOYSTICK_A_VRY
PA0 JOYSTICK_A_VRX
PC15
PC14 JOYSTICK_A_SW
PC13 JOYSTICK_B_SW
J4
NRF2401L
GND CE SCK MISO
VCC CSN MOSI IRQ
J2
UART
J5
POT_A
J6
JOYSTICK_A
J7
JOYSTICK_B
J8
LCD_CONN
VCC GND CS RESET A0 SDA SCK LED
U3A
LM358
U3B
LM358
U3C
LM358
U2
TP4056
VCC CE CHRG STDBY BAT TEMP PROG GND
D4 CHRG
D5 STDBY
J1
SW
Q1
LGE2312
D1
1N4148
U4
AP1117-33
VI VO GND
J3
BATTERY
U5
AP9101CK6
VDD VSS VM CO DO
Q2
LGE2312
Q3
LGE2312
SW1 BT1
SW2 BT2
SW3 BT3
Q5
Q_PNP_BEC
H1 H2 H3 H4
LED_1 LED_2
D2 LED_1
D3 LED_2
Mateusz Wójcik
Zuzanna Kunikowska
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Title: Scout Robot Remote
Size: A4
Date: 2023-04-09
Rev: V1.0
KiCad E.D.A. kicad 7.0.1
Id: 1/1