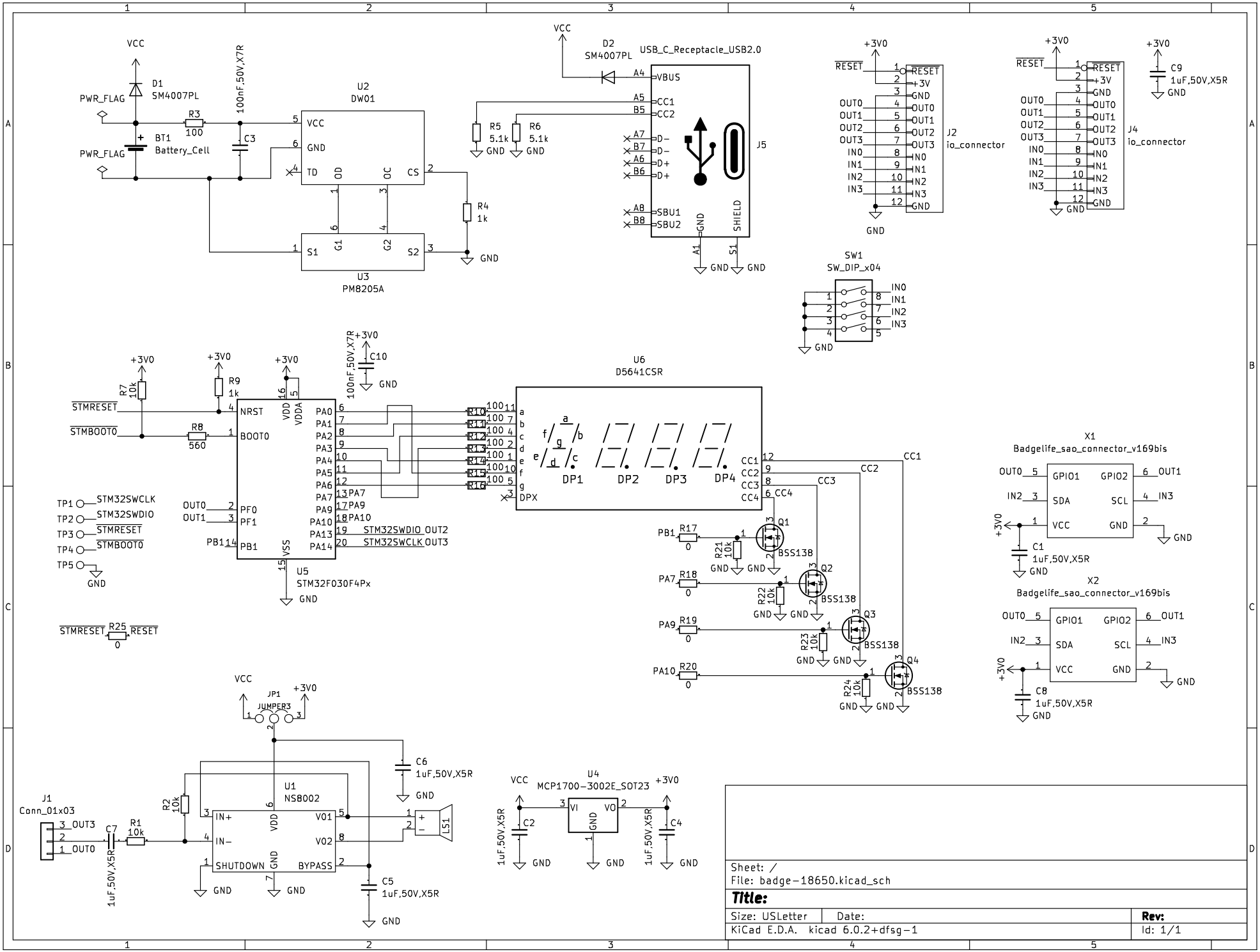
VCC
D1
SM4007PL
PWR_FLAG
PWR_FLAG
BT1
Battery_Cell
R3
100
100nF,50V,X7R
C3
U2
DW01
VCC
GND
TD
OD
OC
CS
G1
G2
S1
S2
R4
1k
GND
U3
PM8205A
D2
SM4007PL
USB_C_Receptacle_USB2.0
VBUS
CC1
CC2
D-
D-
D+
D+
SBU1
SBU2
GND
SHIELD
J5
R5
5.1k
R6
5.1k
GND
GND
GND
GND
+3V0
RESET
OUT0
OUT1
OUT2
OUT3
IN0
IN1
IN2
IN3
GND
J2
io_connector
J4
io_connector
C9
1uF,50V,X5R
SW1
SW_DIP_x04
IN0
IN1
IN2
IN3
GND
+3V0
R7
10k
R9
1k
R8
560
STMRESET
STMBOOT0
NRST
BOOT0
VDD
VDDA
PA0
PA1
PA2
PA3
PA4
PA5
PA6
PA7
PA9
PA10
PA13
PA14
PF0
PF1
PB1
VSS
U5
STM32F030F4Px
C10
100nF,50V,X7R
U6
D5641CSR
DP1
DP2
DP3
DP4
DPX
CC1
CC2
CC3
CC4
TP1
TP2
TP3
TP4
TP5
STM32SWCLK
STM32SWDIO
STMRESET
STMBOOT0
STM32SWDIO OUT2
STM32SWCLK OUT3
R25
0
RESET
PB1
PA7
PA9
PA10
R17
R18
R19
R20
0
R21
10k
R22
10k
R23
10k
R24
10k
Q1
Q2
Q3
Q4
BSS138
X1
Badgelife_sao_connector_v169bis
GPIO1
GPIO2
SDA
SCL
VCC
GND
C1
1uF,50V,X5R
X2
Badgelife_sao_connector_v169bis
C8
1uF,50V,X5R
JP1
JUMPER3
J1
Conn_01x03
OUT3
OUT0
C7
1uF,50V,X5R
R1
10k
R2
10k
U1
NS8002
IN+
IN-
VDD
VO1
VO2
SHUTDOWN
BYPASS
C6
1uF,50V,X5R
C5
1uF,50V,X5R
LS1
U4
MCP1700-3002E_SOT23
VI
VO
C2
1uF,50V,X5R
C4
1uF,50V,X5R
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Size: USLetter
Date:
Rev:
KiCad E.D.A. kicad 6.0.2+dfsg-1
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