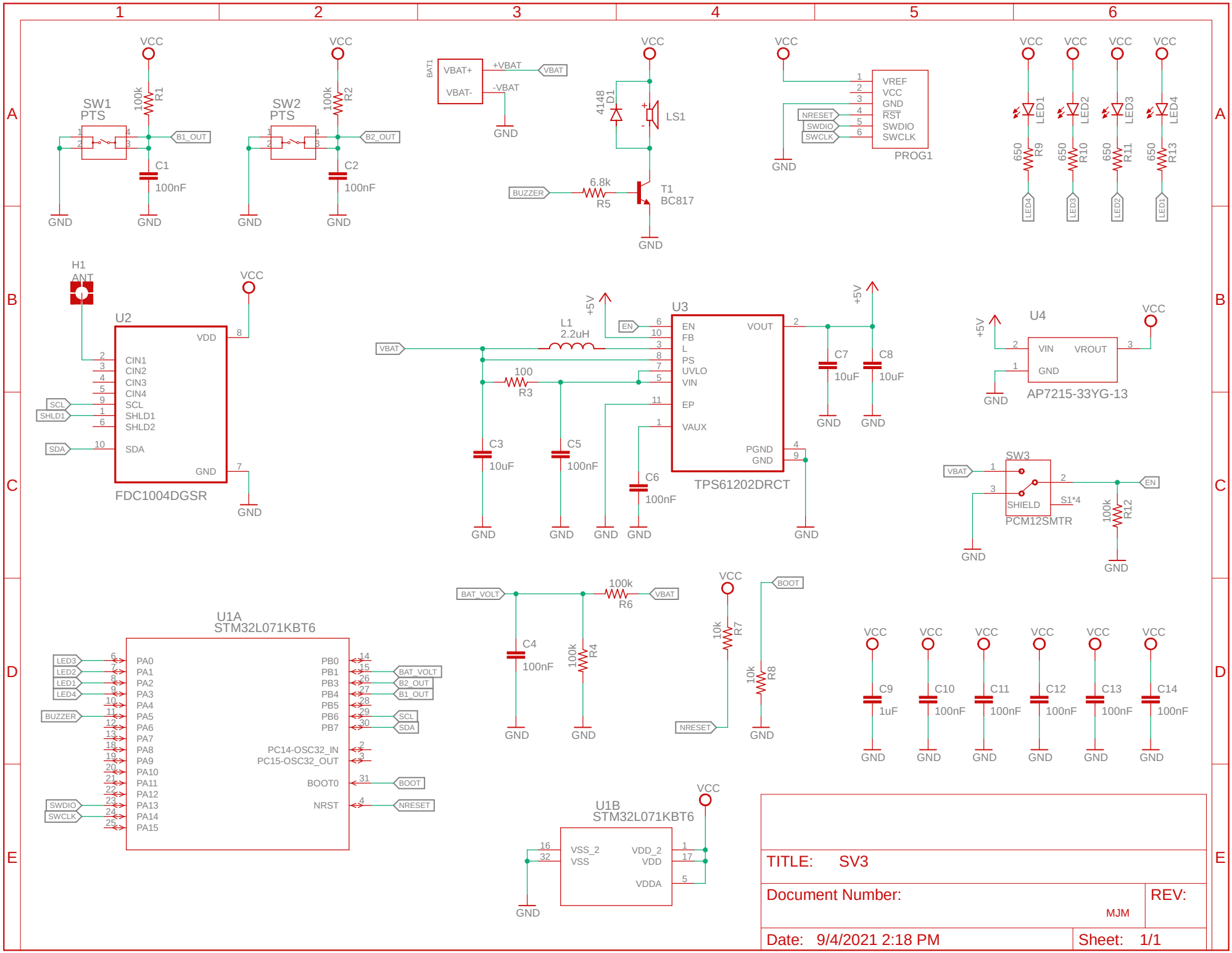
SW1
PTS
R1
100k
C1
100nF
B1_OUT
SW2
PTS
R2
100k
C2
100nF
B2_OUT
BAT1
VBAT+
VBAT-
+VBAT
-VBAT
VBAT
D1
4148
LS1
BUZZER
R5
6.8k
T1
BC817
PROG1
VREF
VCC
GND
RST
SWDIO
SWCLK
NRESET
LED1
LED2
LED3
LED4
R9
R10
R11
R13
650
H1
ANT
U2
FDC1004DGSR
VDD
CIN1
CIN2
CIN3
CIN4
SCL
SHLD1
SHLD2
SDA
U3
TPS61202DRCT
EN
FB
L
PS
UVLO
VIN
EP
VAUX
VOUT
PGND
L1
2.2uH
R3
100
C3
10uF
C5
100nF
C6
100nF
C7
10uF
C8
10uF
+5V
U4
AP7215-33YG-13
VIN
VROUT
SW3
PCM12SMTR
SHIELD
S1*4
R12
100k
U1A
STM32L071KBT6
PA0
PA1
PA2
PA3
PA4
PA5
PA6
PA7
PA8
PA9
PA10
PA11
PA12
PA13
PA14
PA15
PB0
PB1
PB3
PB4
PB5
PB6
PB7
PC14-OSC32_IN
PC15-OSC32_OUT
BOOT0
NRST
BAT_VOLT
R6
C4
R4
R7
R8
10k
BOOT
C9
1uF
C10
C11
C12
C13
C14
100nF
U1B
STM32L071KBT6
VSS_2
VSS
VDD_2
VDD
VDDA
TITLE: SV3
Document Number:
MJM
REV:
Date: 9/4/2021 2:18 PM
Sheet: 1/1