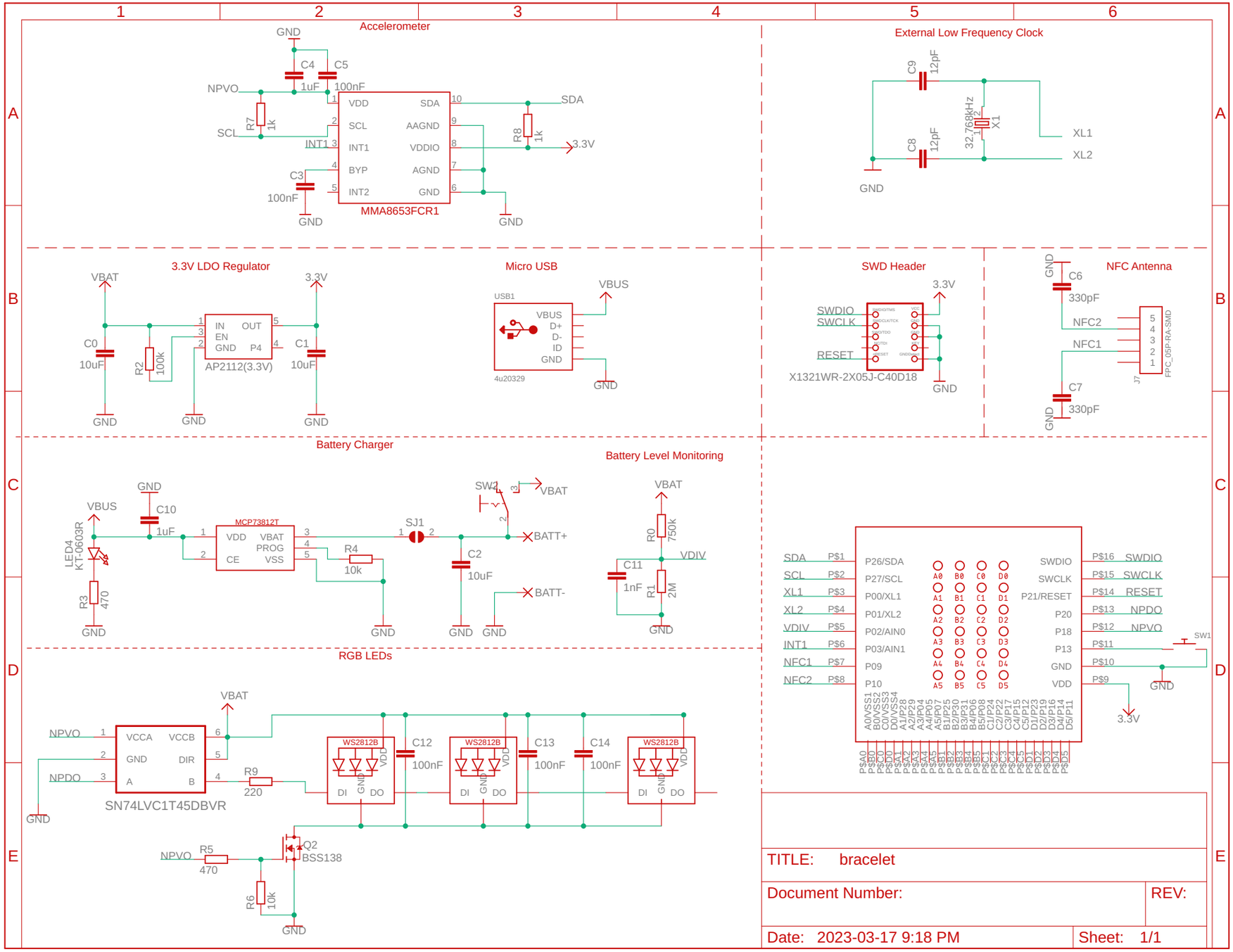
Accelerometer
MMA8653FCR1
VDD
SCL
INT1
BYP
INT2
SDA
AAGND
VDDIO
AGND
GND
NPVO
SCL
SDA
3.3V
C4 1uF
C5 100nF
C3 100nF
R7 1k
R8 1k
External Low Frequency Clock
C9 12pF
C8 12pF
32.768kHz
X1
XL1
XL2
3.3V LDO Regulator
AP2112(3.3V)
IN
OUT
EN
GND
P4
VBAT
3.3V
C0 10uF
R2 100k
C1 10uF
Micro USB
USB1
VBUS
D+
D-
ID
GND
4u20329
SWD Header
SWDIO
SWCLK
RESET
X1321WR-2X05J-C40D18
3.3V
NFC Antenna
C6 330pF
C7 330pF
NFC2
NFC1
FPC_05P-RA-SMD
J7
Battery Charger
MCP73812T
VDD
CE
VBAT
PROG
VSS
C10 1uF
LED4 KT-0603R
R3 470
R4 10k
SJ1
SW2
BATT+
BATT-
C2 10uF
Battery Level Monitoring
R0 750k
R1 2M
C11 1nF
VDIV
RGB LEDs
SN74LVC1T45DBVR
VCCA
VCCB
GND
DIR
A
B
R9 220
WS2812B
DI
DO
C12 100nF
C13 100nF
C14 100nF
R5 470
R6 10k
Q2 BSS138
P26/SDA
P27/SCL
P00/XL1
P01/XL2
P02/AIN0
P03/AIN1
P09
P10
P21/RESET
P20
P18
P13
SW1
TITLE: bracelet
Document Number:
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Date: 2023-03-17 9:18 PM
Sheet: 1/1