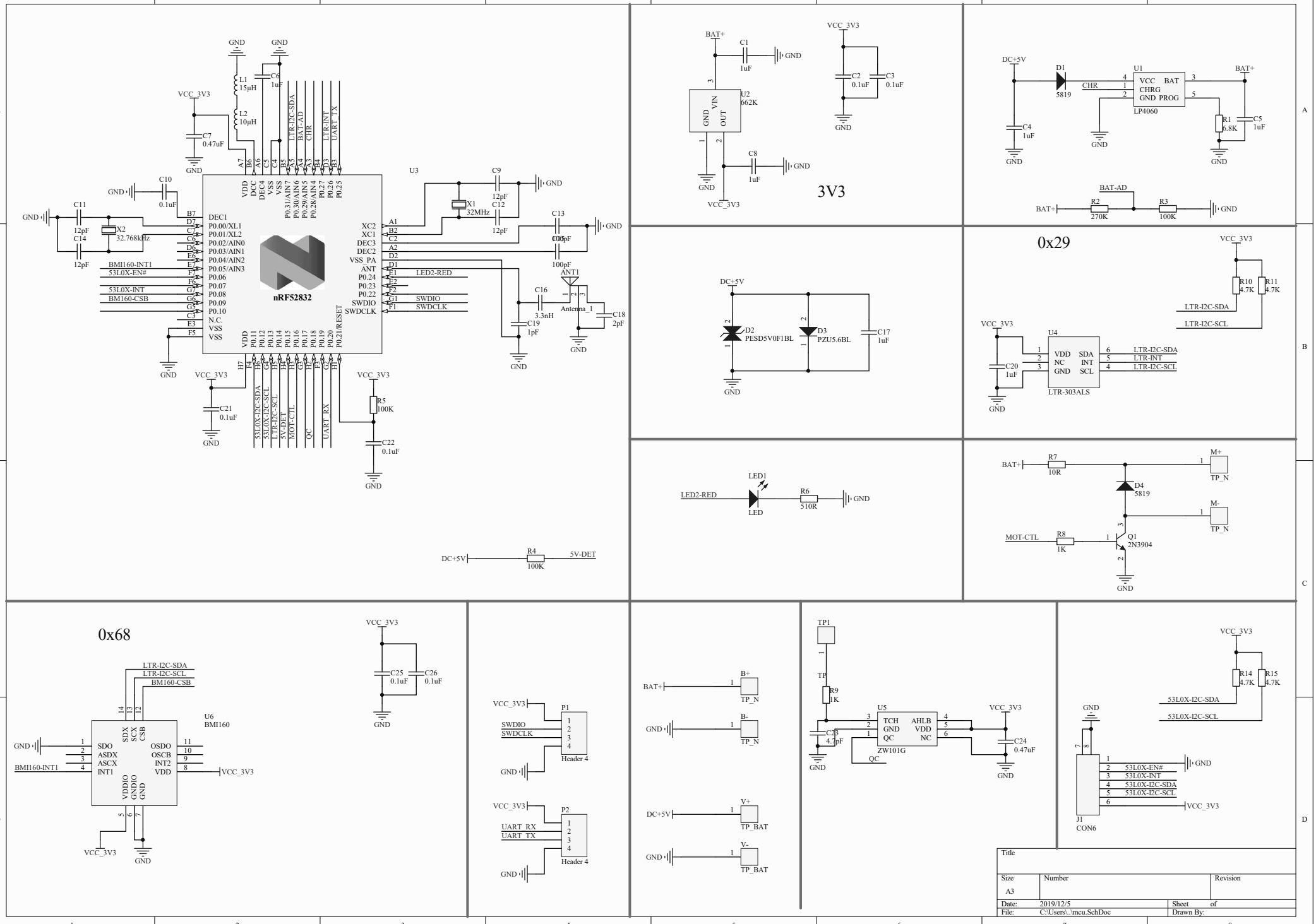
nRF52832
U3
DEC1
P0.00/XL1
P0.01/XL2
P0.02/AIN0
P0.03/AIN1
P0.04/AIN2
P0.05/AIN3
P0.06
P0.07
P0.08
P0.09
P0.10
N.C.
VSS
VSS
XC2
XC1
DEC3
DEC2
VSS_PA
ANT
P0.24
P0.23
P0.22
SWDIO
SWDCLK
P0.21/RESET
VDD
P0.11
P0.12
P0.13
P0.14
P0.15
P0.16
P0.17
P0.18
P0.19
P0.20
LED2-RED
SWDIO
SWDCLK
BMI160-INT1
53L0X-EN#
53L0X-INT
BM160-CSB
53L0X-I2C-SDA
53L0X-I2C-SCL
LTR-I2C-SDA
LTR-I2C-SCL
5V-DET
MOT-CTL
QC
UART_RX
UART_TX
LTR-INT
BAT-AD
CHR
GND
VCC_3V3
L1 15μH
L2 10μH
C6 1uF
C7 0.47uF
C10 0.1uF
C11 12pF
C14 12pF
X2 32.768kHz
C9 12pF
X1 32MHz
C12 12pF
C13 100pF
C15 100pF
C16 3.3nH
C19 1pF
ANT1
Antenna_1
C18 2pF
C21 0.1uF
R5 100K
C22 0.1uF
DC+5V
R4 100K
5V-DET
BAT+
C1 1uF
U2 662K
GND
VIN
OUT
C8 1uF
VCC_3V3
C2 0.1uF
C3 0.1uF
3V3
DC+5V
D1 5819
U1
VCC
BAT
CHRG
GND
PROG
LP4060
C4 1uF
R1 6.8K
C5 1uF
R2 270K
R3 100K
D2 PESD5V0F1BL
D3 PZU5.6BL
C17 1uF
0x29
U4
VDD
SDA
NC
INT
GND
SCL
LTR-303ALS
C20 1uF
R10 4.7K
R11 4.7K
LED1
LED
R6 510R
R7 10R
M+
TP_N
D4 5819
M-
R8 1K
Q1 2N3904
0x68
U6
BMI160
SDO
ASDX
ASCX
INT1
SDX
SCX
CSB
OSDO
OSCB
INT2
VDD
VDDIO
GNDIO
C25 0.1uF
C26 0.1uF
P1
Header 4
P2
B+
B-
V+
V-
TP_BAT
TP1
TP
R9 1K
C23 4.7pF
U5
TCH
GND
QC
AHLB
VDD
NC
ZW101G
C24 0.47uF
R14 4.7K
R15 4.7K
J1
CON6
Title
Size
A3
Number
Revision
Date: 2019/12/5
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File: C:\Users\..\mcu.SchDoc
Drawn By: