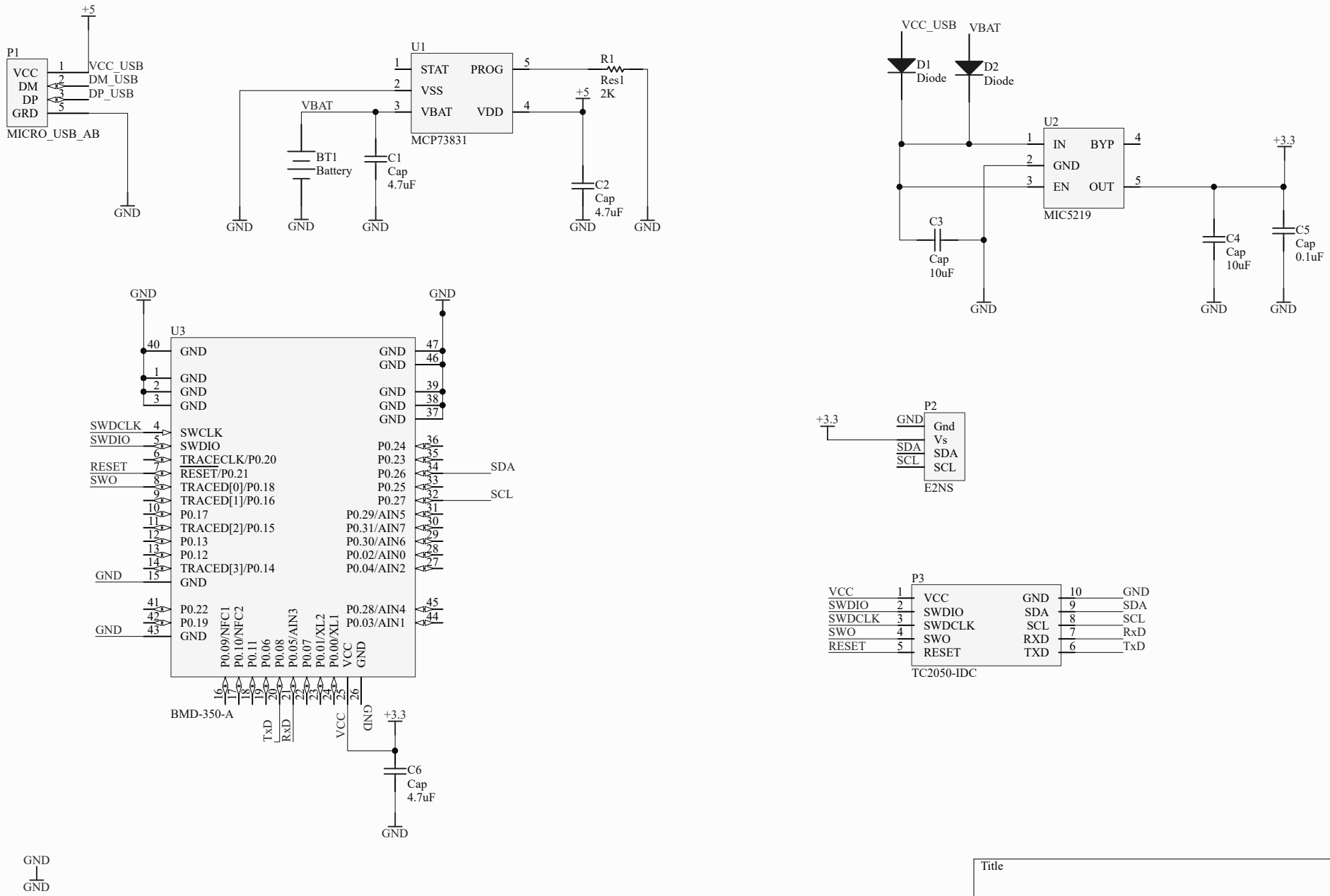
P1
VCC
DM
DP
GRD
VCC_USB
DM_USB
DP_USB
MICRO_USB_AB
+5
GND
U1
STAT
VSS
VBAT
PROG
VDD
MCP73831
R1
Res1
2K
BT1
Battery
C1
Cap
4.7uF
C2
Cap
4.7uF
VCC_USB
VBAT
D1
Diode
D2
Diode
U2
IN
GND
EN
BYP
OUT
MIC5219
C3
Cap
10uF
C4
Cap
10uF
C5
Cap
0.1uF
+3.3
U3
SWCLK
SWDIO
TRACECLK/P0.20
RESET/P0.21
TRACED[0]/P0.18
TRACED[1]/P0.16
TRACED[2]/P0.15
TRACED[3]/P0.14
P0.24
P0.23
P0.26
P0.25
P0.27
P0.29/AIN5
P0.31/AIN7
P0.30/AIN6
P0.02/AIN0
P0.04/AIN2
P0.28/AIN4
P0.03/AIN1
P0.22
P0.19
P0.09/NFC1
P0.10/NFC2
P0.11
P0.06
P0.08
P0.05/AIN3
P0.07
P0.01/XL2
P0.00/XL1
VCC
TxD
RxD
BMD-350-A
SWDCLK
SWDIO
RESET
SWO
SDA
SCL
C6
Cap
4.7uF
P2
Gnd
Vs
SDA
SCL
E2NS
P3
VCC
SWDIO
SWDCLK
SWO
RESET
GND
SDA
SCL
RXD
TXD
TC2050-IDC
Title
Size
A4
Number
Revision
Date: 2019/2/22
Sheet of
File: C:\work\..\BLE_TORQUE.SchDoc
Drawn By: