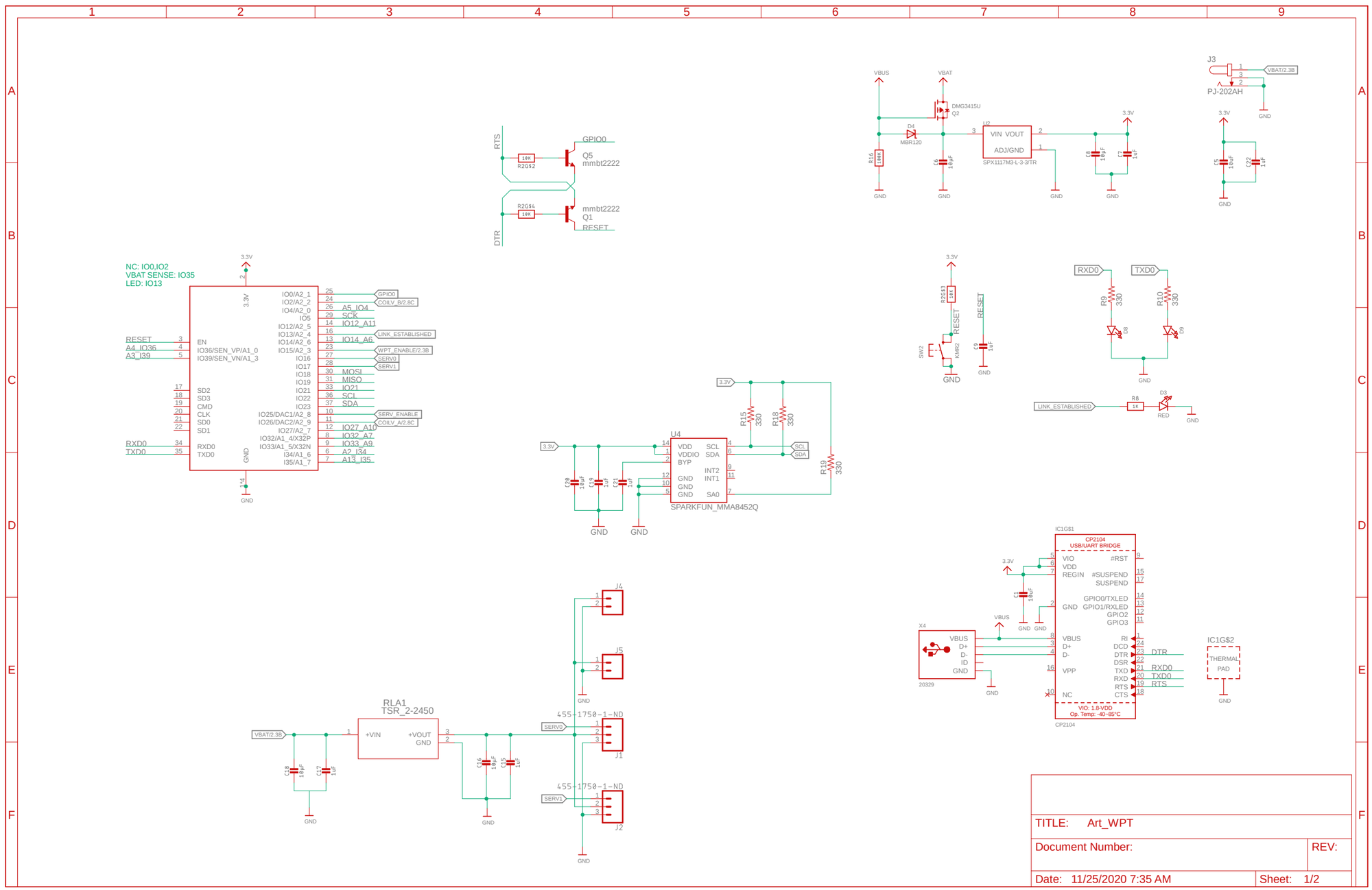
NC: IO0,IO2
VBAT SENSE: IO35
LED: IO13
3.3V
EN
IO36/SEN_VP/A1_0
IO39/SEN_VN/A1_3
IO0/A2_1
IO2/A2_2
IO4/A2_0
IO5
IO12/A2_5
IO13/A2_4
IO14/A2_6
IO15/A2_3
IO16
IO17
IO18
IO19
IO21
IO22
IO23
IO25/DAC1/A2_8
IO26/DAC2/A2_9
IO27/A2_7
IO32/A1_4/X32P
IO33/A1_5/X32N
I34/A1_6
I35/A1_7
SD2
SD3
CMD
CLK
SD0
SD1
RXD0
TXD0
GND
RESET
A4_IO36
A3_I39
GPIO0
COILV_B/2.8C
A5_IO4
SCK
IO12_A11
LINK_ESTABLISHED
IO14_A6
WPT_ENABLE/2.3B
SERV0
SERV1
MOSI
MISO
IO21
SCL
SDA
SERV_ENABLE
COILV_A/2.8C
IO27_A10
IO32_A7
IO33_A9
A2_I34
A13_I35
RTS
DTR
R2G$2
R2G$4
10K
Q5
mmbt2222
Q1
RESET
VBUS
VBAT
DMG3415U
Q2
D4
MBR120
U2
VIN_VOUT
ADJ/GND
SPX1117M3-L-3-3/TR
R16
10MR
C6
10µF
C8
10µF
C7
1uF
C22
1.0F
J3
PJ-202AH
VBAT/2.3B
R2G$3
SW2
KMR2
C9
1uF
RXD0
TXD0
R9
330
R10
330
D8
D9
LINK_ESTABLISHED
R8
1K
D3
RED
U4
SPARKFUN_MMA8452Q
VDD
VDDIO
BYP
GND
GND
GND
SCL
SDA
INT2
INT1
SA0
R15
330
R18
330
R19
330
C20
10µF
C19
1uF
C21
1uF
J4
J5
J1
J2
RLA1
TSR_2-2450
+VIN
+VOUT
GND
455-1750-1-ND
SERV0
SERV1
C18
10µF
C17
1uF
C16
10µF
C15
1uF
IC1G$1
CP2104
USB/UART BRIDGE
VIO
VDD
REGIN
#RST
#SUSPEND
SUSPEND
GPIO0/TXLED
GPIO1/RXLED
GPIO2
GPIO3
VBUS
D+
D-
VPP
NC
RI
DCD
DTR
DSR
TXD
RXD
RTS
CTS
VIO: 1.8-VDD
Op. Temp: -40~85°C
C1
.1uF
X4
20329
IC1G$2
THERMAL
PAD
TITLE: Art_WPT
Document Number:
REV:
Date: 11/25/2020 7:35 AM
Sheet: 1/2