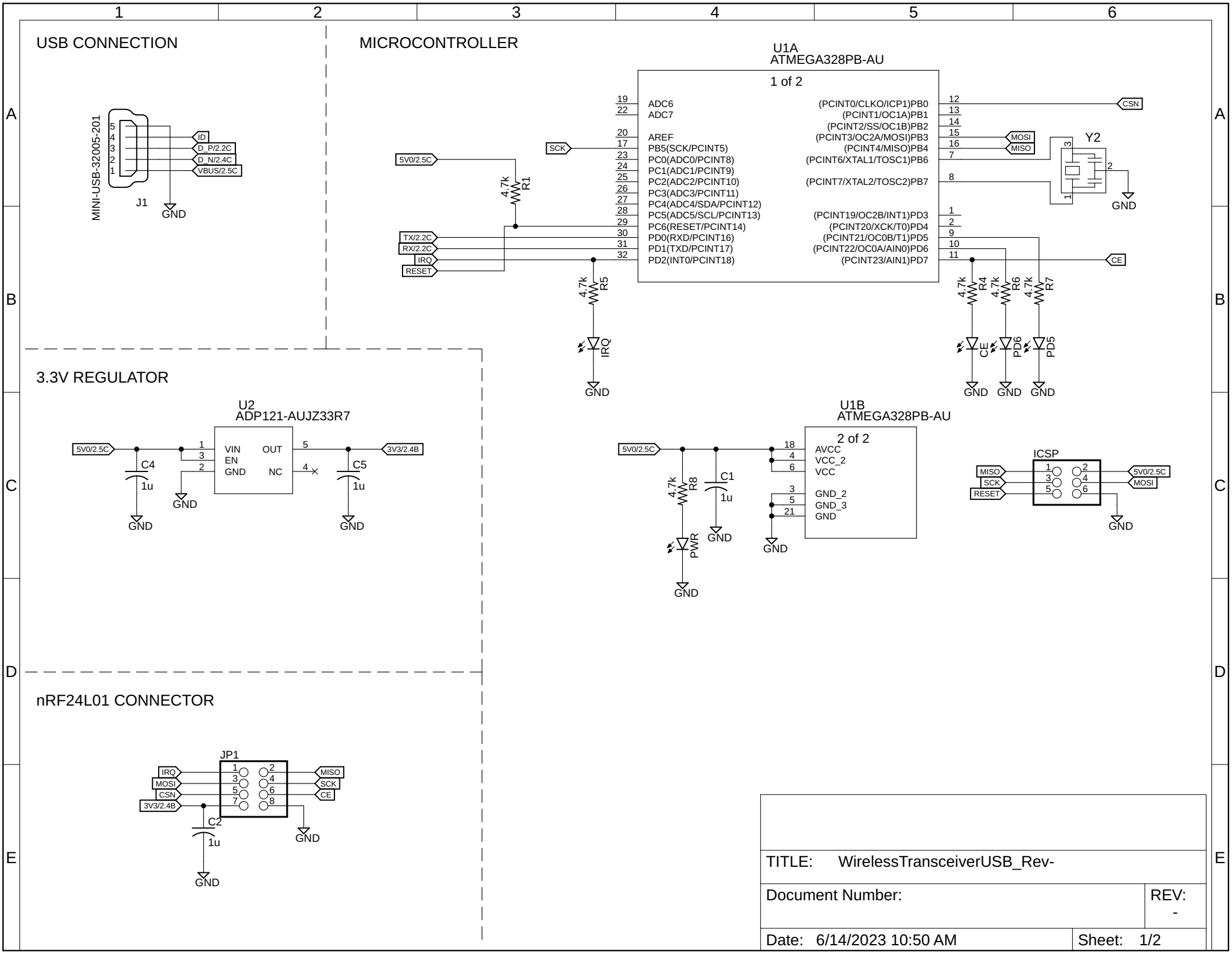
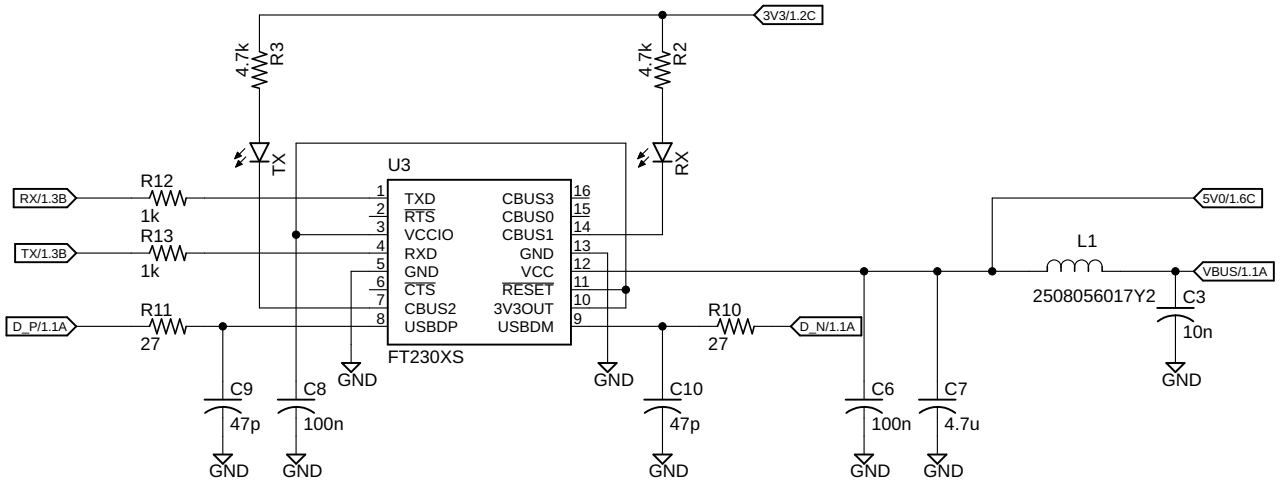

USB CONNECTION
MINI-USB-32005-201
J1
ID
D_P/2.2C
D_N/2.4C
VBUS/2.5C
GND
MICROCONTROLLER
U1A
ATMEGA328PB-AU
1 of 2
ADC6
ADC7
AREF
PB5(SCK/PCINT5)
PC0(ADC0/PCINT8)
PC1(ADC1/PCINT9)
PC2(ADC2/PCINT10)
PC3(ADC3/PCINT11)
PC4(ADC4/SDA/PCINT12)
PC5(ADC5/SCL/PCINT13)
PC6(RESET/PCINT14)
PD0(RXD/PCINT16)
PD1(TXD/PCINT17)
PD2(INT0/PCINT18)
(PCINT0/CLKO/ICP1)PB0
(PCINT1/OC1A)PB1
(PCINT2/SS/OC1B)PB2
(PCINT3/OC2A/MOSI)PB3
(PCINT4/MISO)PB4
(PCINT6/XTAL1/TOSC1)PB6
(PCINT7/XTAL2/TOSC2)PB7
(PCINT19/OC2B/INT1)PD3
(PCINT20/XCK/T0)PD4
(PCINT21/OC0B/T1)PD5
(PCINT22/OC0A/AIN0)PD6
(PCINT23/AIN1)PD7
5V0/2.5C
SCK
4.7k
R1
TX/2.2C
RX/2.2C
IRQ
RESET
R5
IRQ
CSN
MOSI
MISO
Y2
CE
R4
R6
R7
PD6
PD5
3.3V REGULATOR
U2
ADP121-AUJZ33R7
VIN
EN
GND
OUT
NC
3V3/2.4B
C4
C5
1u
U1B
ATMEGA328PB-AU
2 of 2
AVCC
VCC_2
VCC
GND_2
GND_3
GND
R8
C1
PWR
ICSP
nRF24L01 CONNECTOR
JP1
C2
TITLE: WirelessTransceiverUSB_Rev-
Document Number:
REV: -
Date: 6/14/2023 10:50 AM
Sheet: 1/2

USB TO TTL-UART



Sheet: 2/2