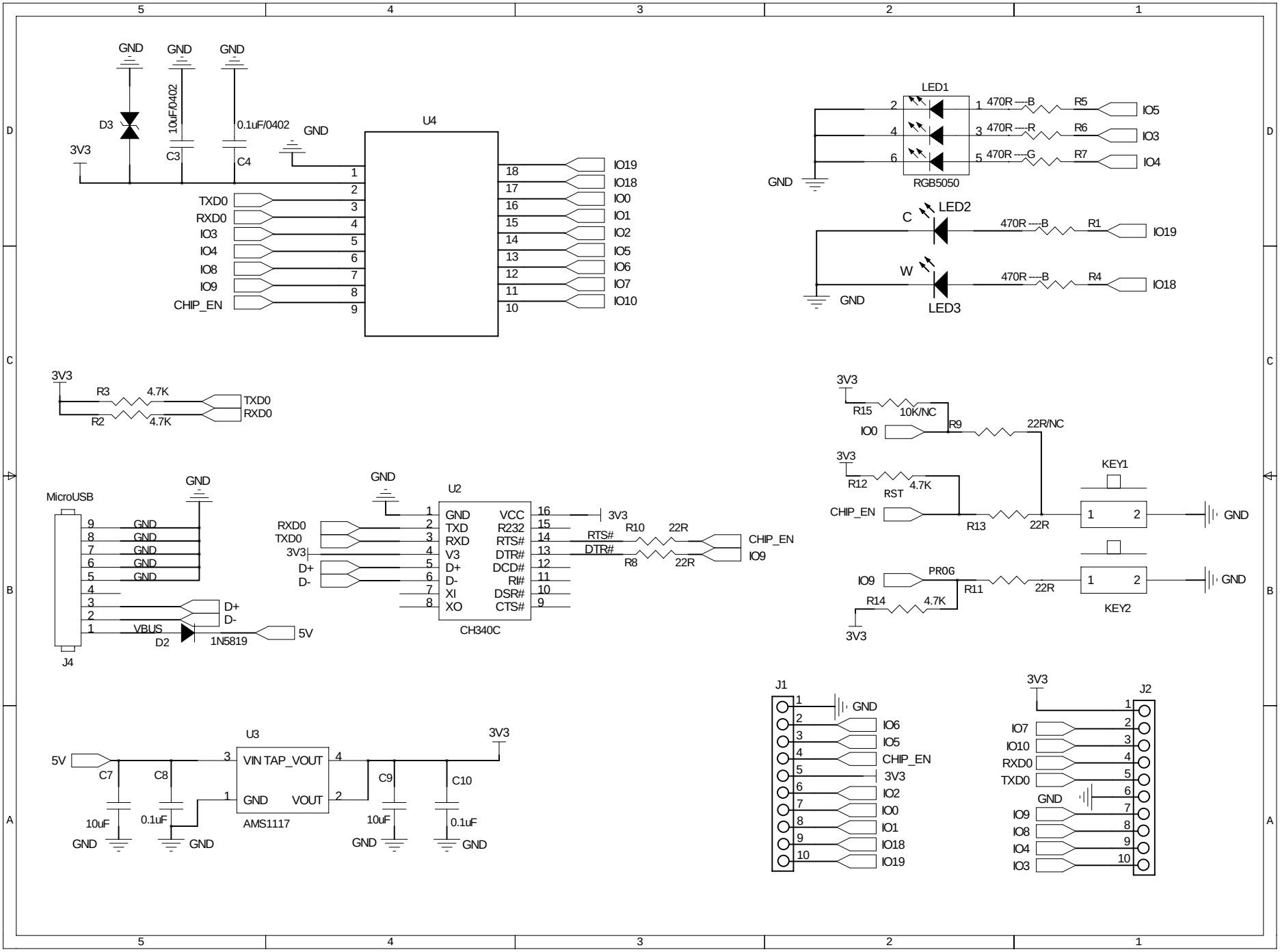
GND
GND
GND
D3
10uF/0402
0.1uF/0402
3V3
C3
C4
GND
U4
TXD0
RXD0
IO3
IO4
IO8
IO9
CHIP_EN
IO19
IO18
IO0
IO1
IO2
IO5
IO6
IO7
IO10
LED1
470R
R5
R6
R7
IO5
IO3
IO4
RGB5050
LED2
LED3
C
W
R1
R4
IO19
IO18
3V3
R3
R2
4.7K
TXD0
RXD0
R15
10K/NC
R9
22R/NC
IO0
R12
RST
CHIP_EN
R13
22R
KEY1
KEY2
IO9
PR0G
R11
R14
MicroUSB
J4
D+
D-
VBUS
D2
1N5819
5V
U2
CH340C
RXD0
TXD0
RTS#
DTR#
R10
R8
CHIP_EN
IO9
U3
AMS1117
VIN
TAP_VOUT
VOUT
C7
C8
C9
C10
10uF
0.1uF
J1
J2
IO6
IO5
CHIP_EN
IO2
IO0
IO1
IO18
IO19
IO7
IO10
RXD0
TXD0
IO9
IO8
IO4
IO3