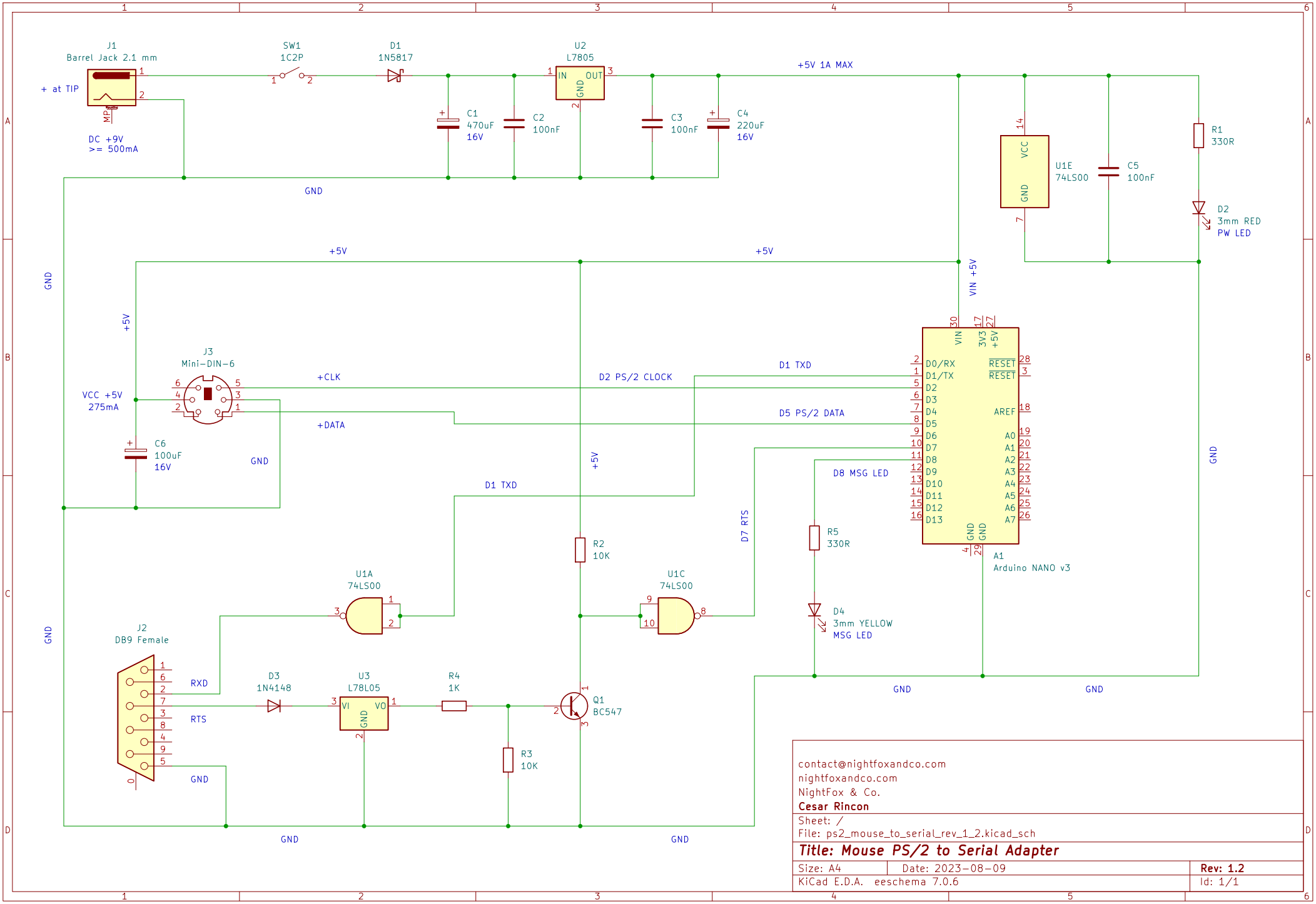
J1
Barrel Jack 2.1 mm
+ at TIP
DC +9V
>= 500mA
SW1
1C2P
D1
1N5817
U2
L7805
IN
OUT
GND
C1
470uF
16V
C2
100nF
C3
100nF
C4
220uF
16V
+5V 1A MAX
U1E
74LS00
VCC
GND
C5
100nF
R1
330R
D2
3mm RED
PW LED
GND
+5V
VIN +5V
J3
Mini-DIN-6
VCC +5V
275mA
C6
100uF
16V
+CLK
+DATA
D2 PS/2 CLOCK
D5 PS/2 DATA
D1 TXD
D0/RX
D1/TX
D2
D3
D4
D5
D6
D7
D8
D9
D10
D11
D12
D13
VIN
3V3
+5V
RESET
RESET
AREF
A0
A1
A2
A3
A4
A5
A6
A7
A1
Arduino NANO v3
D8 MSG LED
R5
330R
D4
3mm YELLOW
MSG LED
D7 RTS
R2
10K
U1A
74LS00
U1C
74LS00
J2
DB9 Female
RXD
RTS
D3
1N4148
U3
L78L05
VI
VO
R4
1K
Q1
BC547
R3
10K
contact@nightfoxandco.com
nightfoxandco.com
NightFox & Co.
Cesar Rincon
Sheet: /
File: ps2_mouse_to_serial_rev_1_2.kicad_sch
Title: Mouse PS/2 to Serial Adapter
Size: A4
Date: 2023-08-09
Rev: 1.2
KiCad E.D.A. eeschema 7.0.6
Id: 1/1