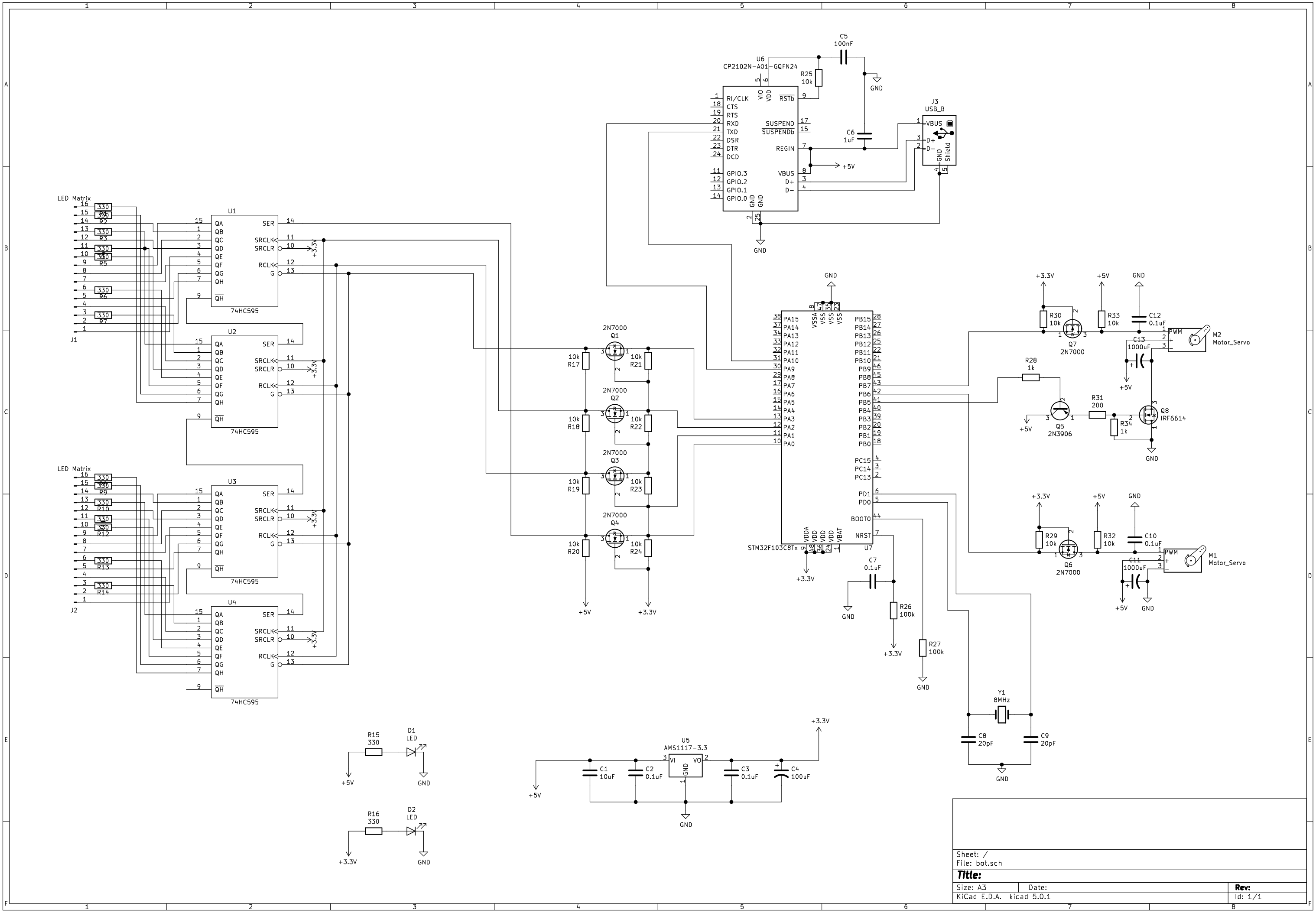
U6
CP2102N-A01-GQFN24
C5
100nF
R25
10k
C6
1uF
J3
USB_B
U1
74HC595
U2
74HC595
U3
74HC595
U4
74HC595
LED Matrix
J1
J2
2N7000
Q1
Q2
Q3
Q4
10k
R17
R18
R19
R20
R21
R22
R23
R24
STM32F103C8Tx
U7
C7
0.1uF
R26
100k
R27
100k
Y1
8MHz
C8
20pF
C9
20pF
R30
10k
R33
10k
C12
0.1uF
C13
1000uF
Q7
2N7000
M2
Motor_Servo
R28
1k
Q5
2N3906
R31
200
R34
1k
Q8
IRF6614
R29
10k
R32
10k
C10
0.1uF
C11
1000uF
Q6
2N7000
M1
Motor_Servo
R15
330
D1
LED
R16
330
D2
LED
U5
AMS1117-3.3
C1
10uF
C2
0.1uF
C3
0.1uF
C4
100uF
+3.3V
+5V
GND
Sheet: /
File: bot.sch
Title:
Size: A3
Date:
Rev:
KiCad E.D.A. kicad 5.0.1
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