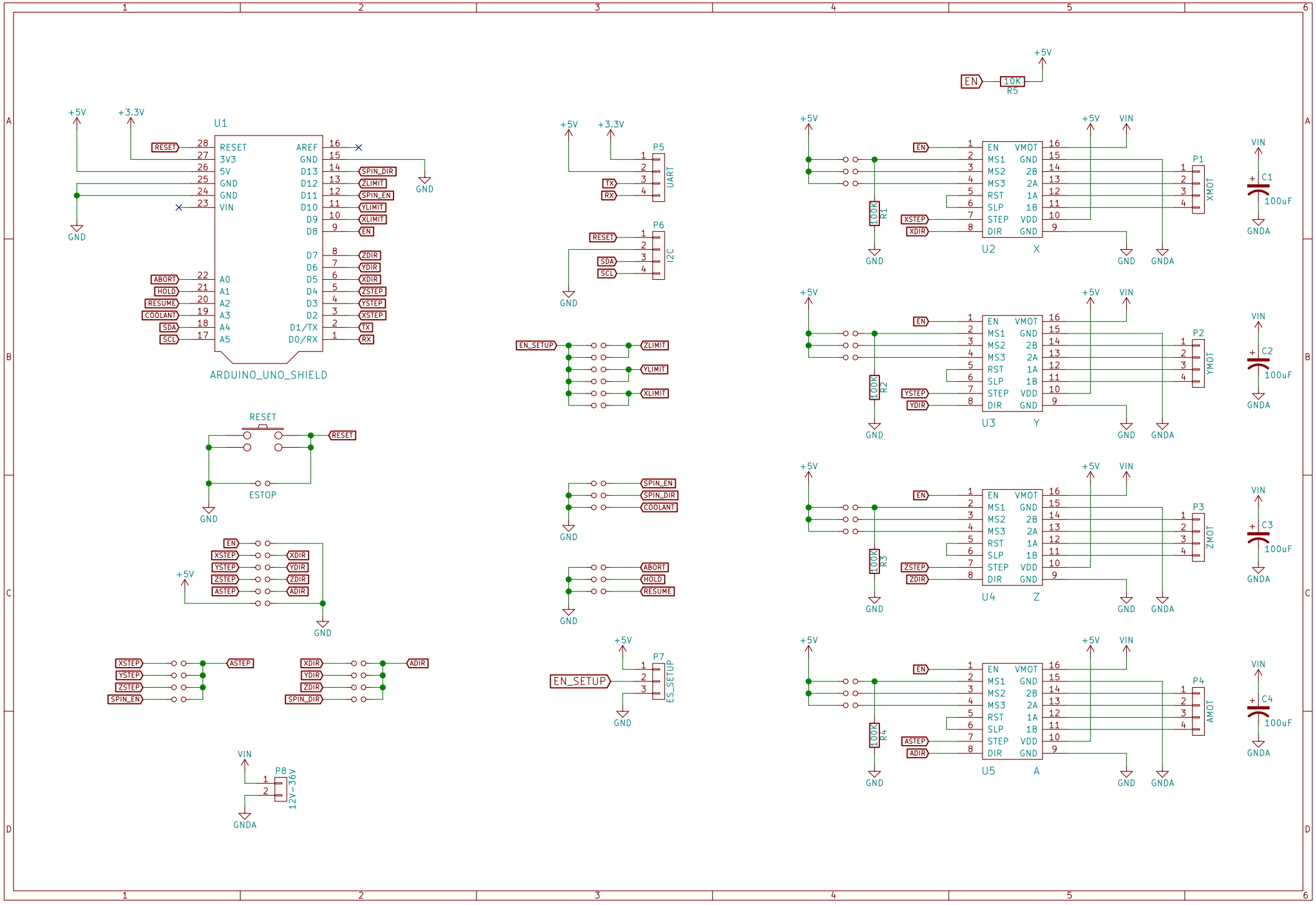
U1
ARDUINO_UNO_SHIELD
RESET
3V3
5V
GND
VIN
AREF
D13
D12
D11
D10
D9
D8
D7
D6
D5
D4
D3
D2
D1/TX
D0/RX
A0
A1
A2
A3
A4
A5
SPIN_DIR
ZLIMIT
SPIN_EN
YLIMIT
XLIMIT
EN
ZDIR
YDIR
XDIR
ZSTEP
YSTEP
XSTEP
TX
RX
ABORT
HOLD
RESUME
COOLANT
SDA
SCL
+5V
+3.3V
GND
GNDA
P5
UART
P6
I2C
EN_SETUP
RESET
ESTOP
ASTEP
ADIR
P7
ES_SETUP
P8
12V-36V
VIN
10K
R5
100K
R1
R2
R3
R4
U2
U3
U4
U5
X
Y
Z
A
VMOT
MS1
MS2
MS3
2B
2A
1A
1B
VDD
P1
P2
P3
P4
XMOT
YMOT
ZMOT
AMOT
C1
C2
C3
C4
100uF