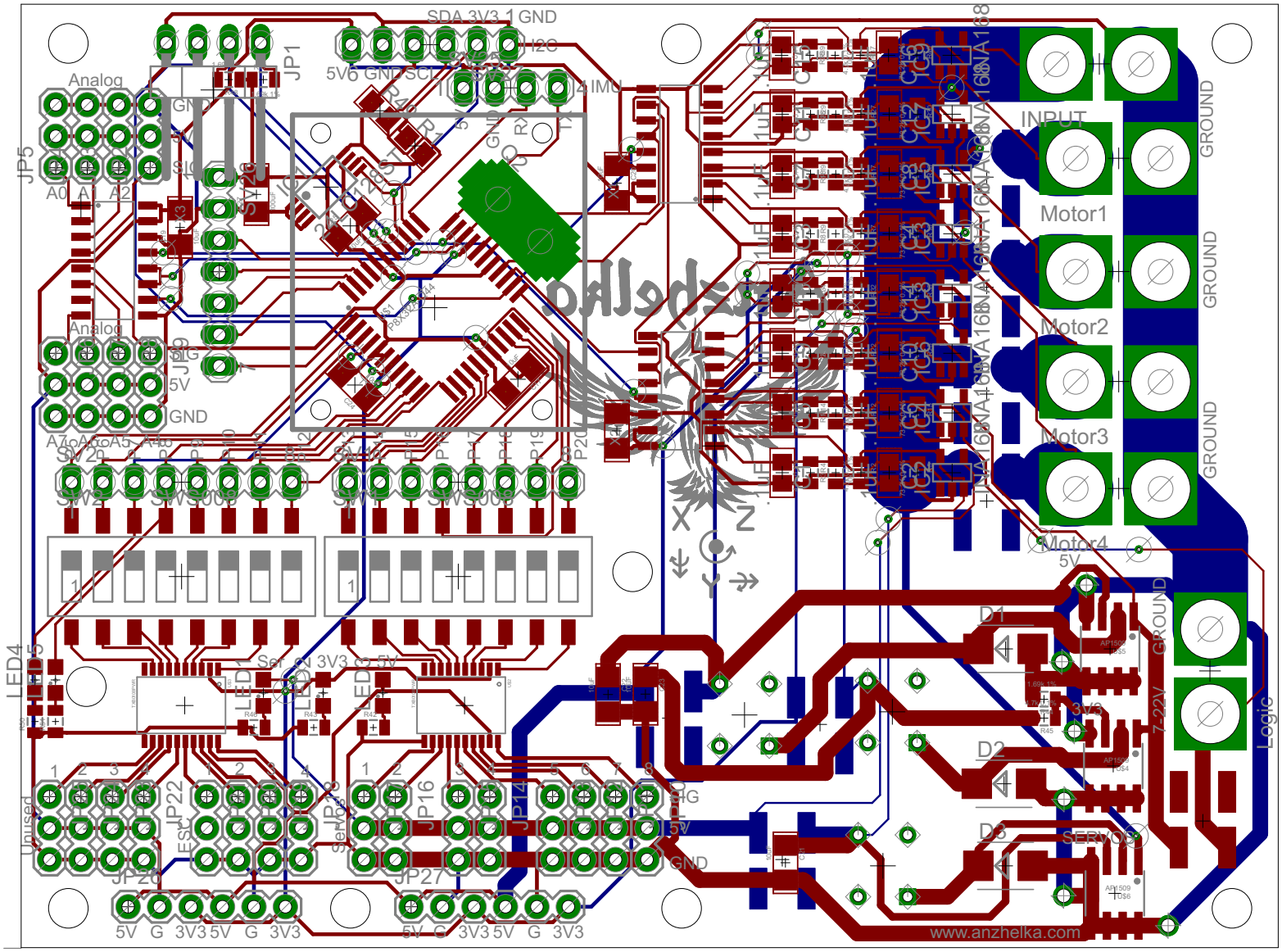
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I2C
5V6 GND SCL
IMU
JP1
JP5
Analog
A0 A1 A2
JP3
SIG
5V
GND
A7 A6 A5 A4
SW2
SW3
SW4
SW5
LED4
LED5
LED1
LED2
LED3
Ser 0N 3V3 G 5V
JP22
JP16
JP14
JP20
JP27
Unused
ESC
Servos
5V G 3V3 5V G 3V3
5V G 3V3 5V G 3V3
INPUT
Motor1
Motor2
Motor3
Motor4
GROUND
5V
D1
D2
D3
3V3
7-22V
SERVOS
Logic
X
Y
Z
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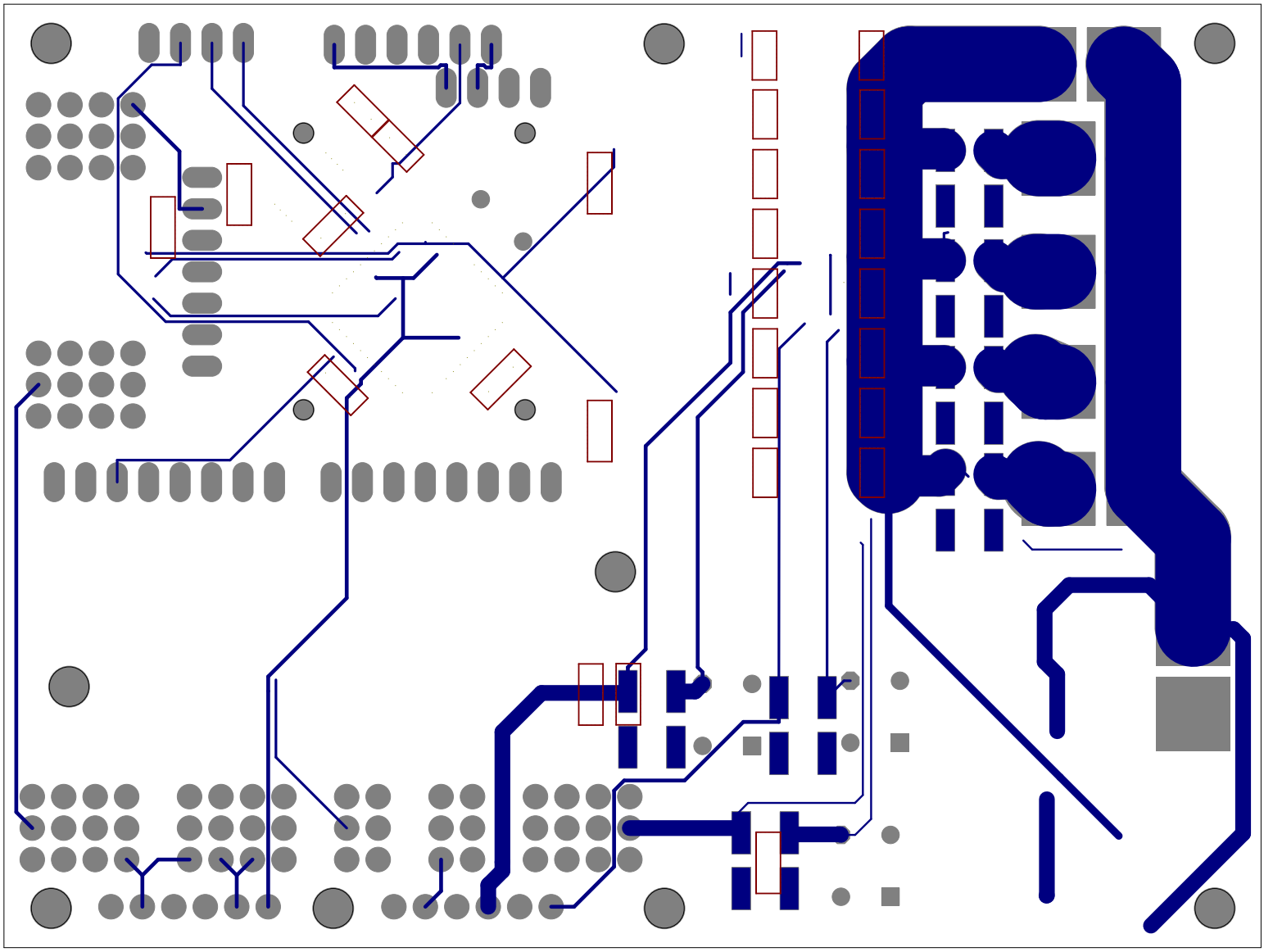
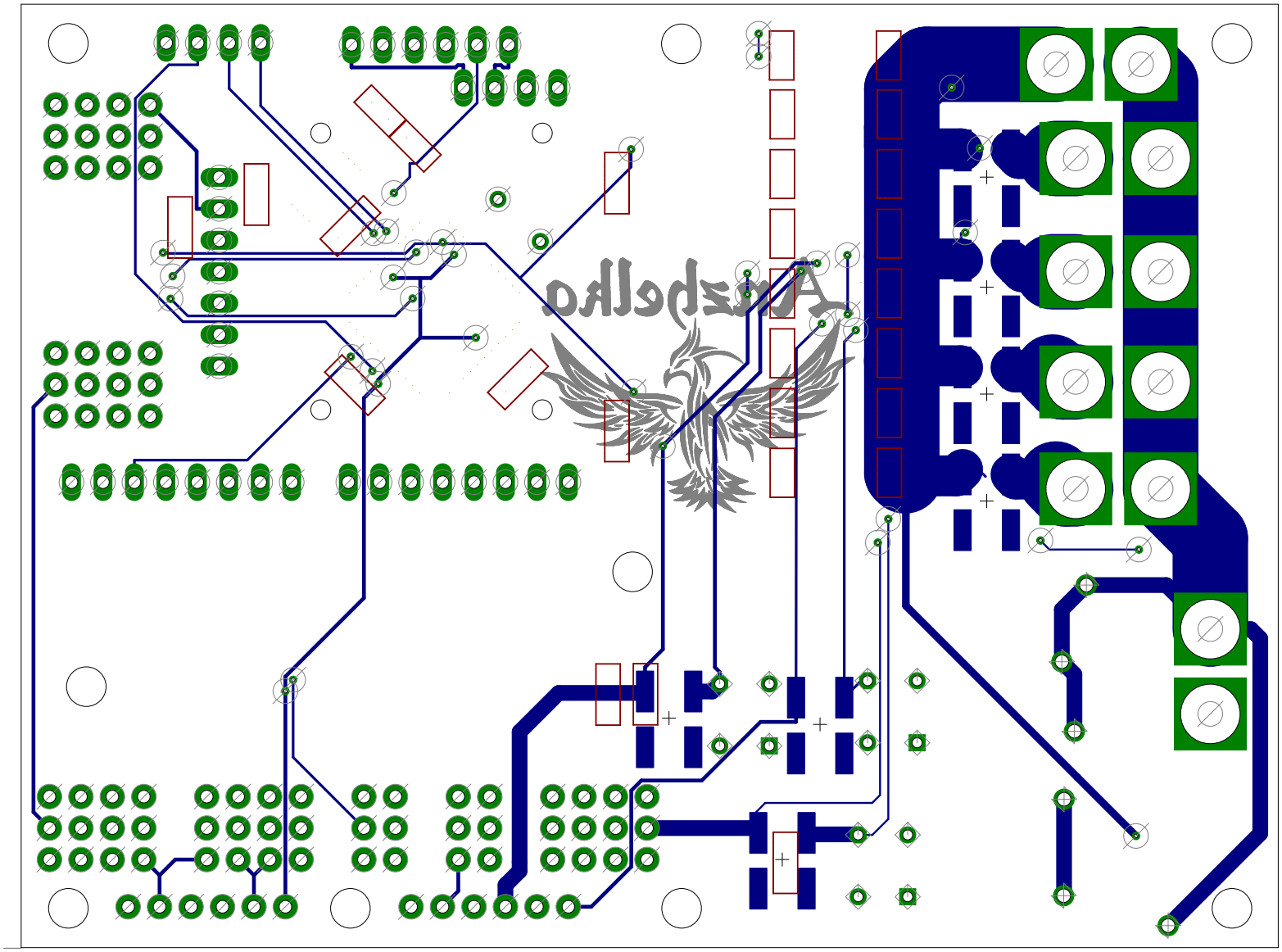
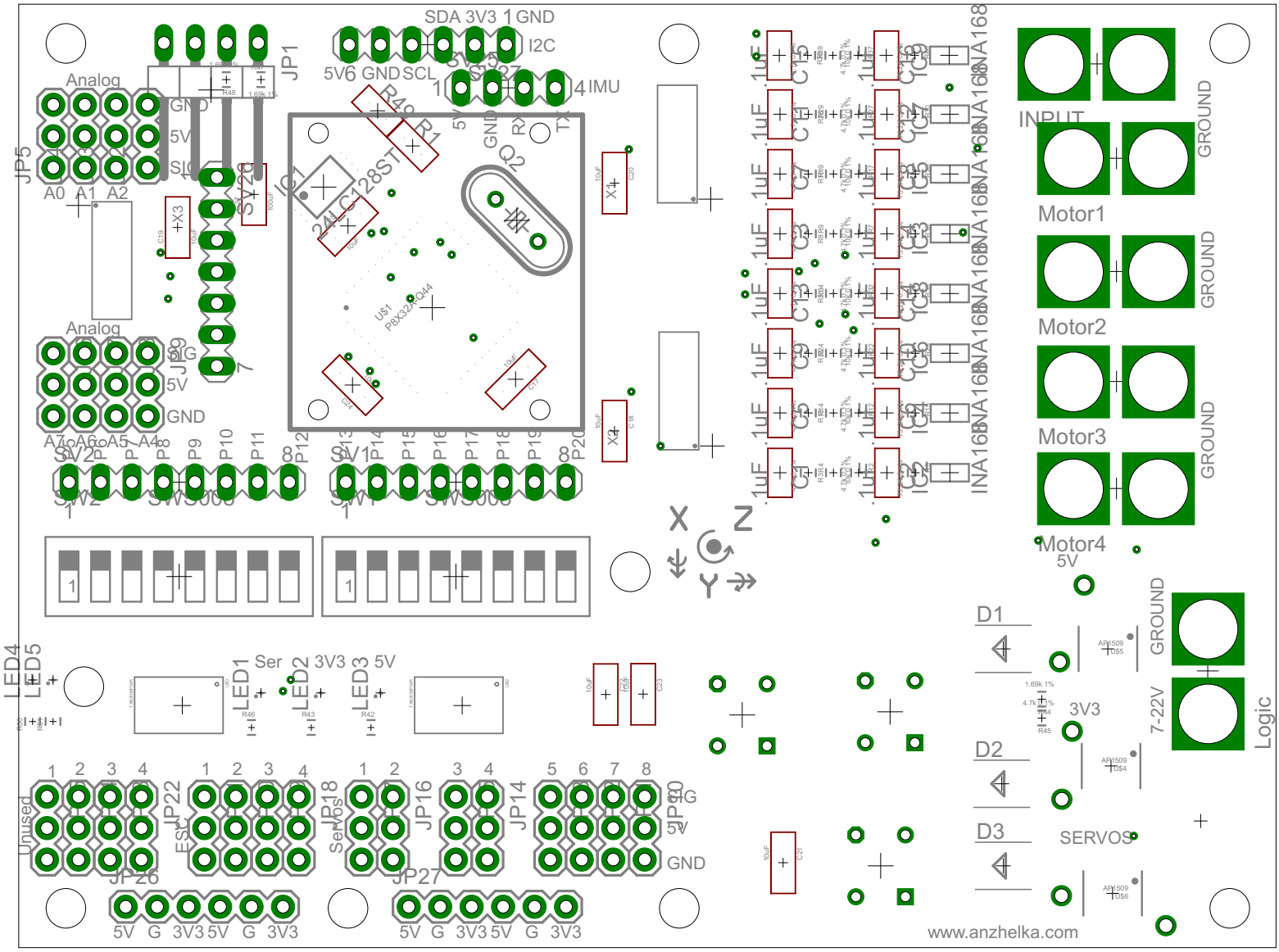



Arduino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SIG
JP9
Analog
SIG
5V
GND
A7 A6 A5 A4
SW2
SW1
SWS008
IC7
24LC128ST
Q2
U$1
P8X32A-Q44
INA168
INPUT
GROUND
Motor1
Motor2
Motor3
Motor4
5V
D1
D2
D3
3V3
7-22V
Logic
SERVOS
LED4
LED5
LED1
LED2
LED3
Ser
3V3
5V
JP22
JP18
JP16
JP14
JP10
Unused
ESC
Servos
SIG
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GND
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JP27
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5V G 3V3 5V G 3V3
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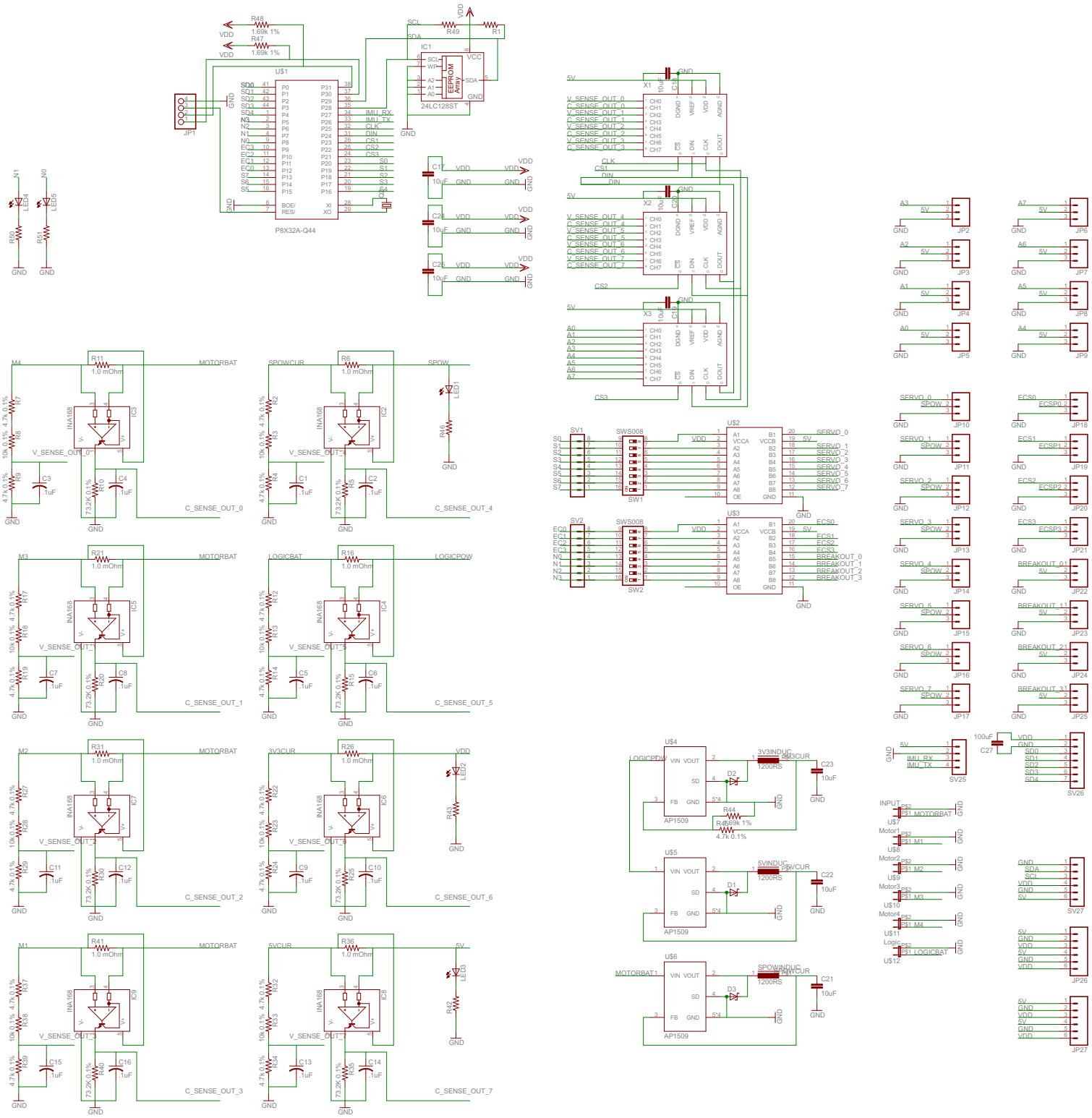
P8X32A-Q44
24LC128ST
EEPROM Array
JP1
LED4
LED5
LED1
LED2
LED3
SV1
SV2
SW1
SWS008
SW2
US1
US2
US3
US4
US5
US6
AP1509
INA168
MOTORBAT
SPOWCUR
SPOW
LOGICBAT
LOGICPOW
3V3CUR
5VCUR
3V3INDUC
5VINDUC
SPOWINDUC
V_SENSE_OUT_0
V_SENSE_OUT_1
V_SENSE_OUT_2
V_SENSE_OUT_3
V_SENSE_OUT_4
V_SENSE_OUT_5
V_SENSE_OUT_6
V_SENSE_OUT_7
C_SENSE_OUT_0
C_SENSE_OUT_1
C_SENSE_OUT_2
C_SENSE_OUT_3
C_SENSE_OUT_4
C_SENSE_OUT_5
C_SENSE_OUT_6
C_SENSE_OUT_7
SERVO_0
SERVO_1
SERVO_2
SERVO_3
SERVO_4
SERVO_5
SERVO_6
SERVO_7
BREAKOUT_0
BREAKOUT_1
BREAKOUT_2
BREAKOUT_3
JP2
JP3
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JP6
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JP11
JP12
JP13
JP14
JP15
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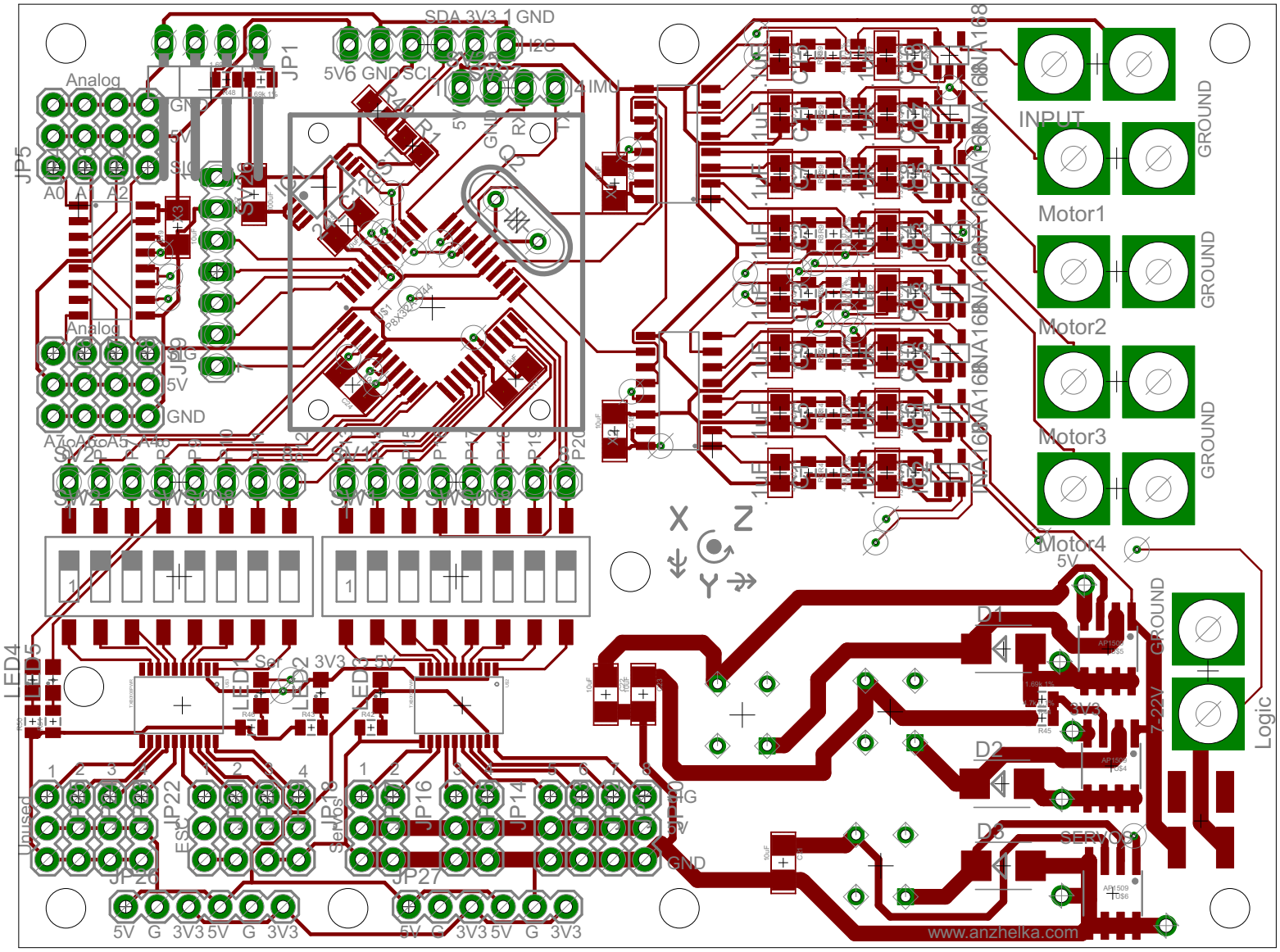
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JP27
Unused
ESC
servos
5V G 3V3 5V G 3V3
5V G 3V3 5V G 3V3
X Z
Y
INPUT
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Motor3
Motor4
5V
D1
D2
D3
SERVOS
7-22V
Logic
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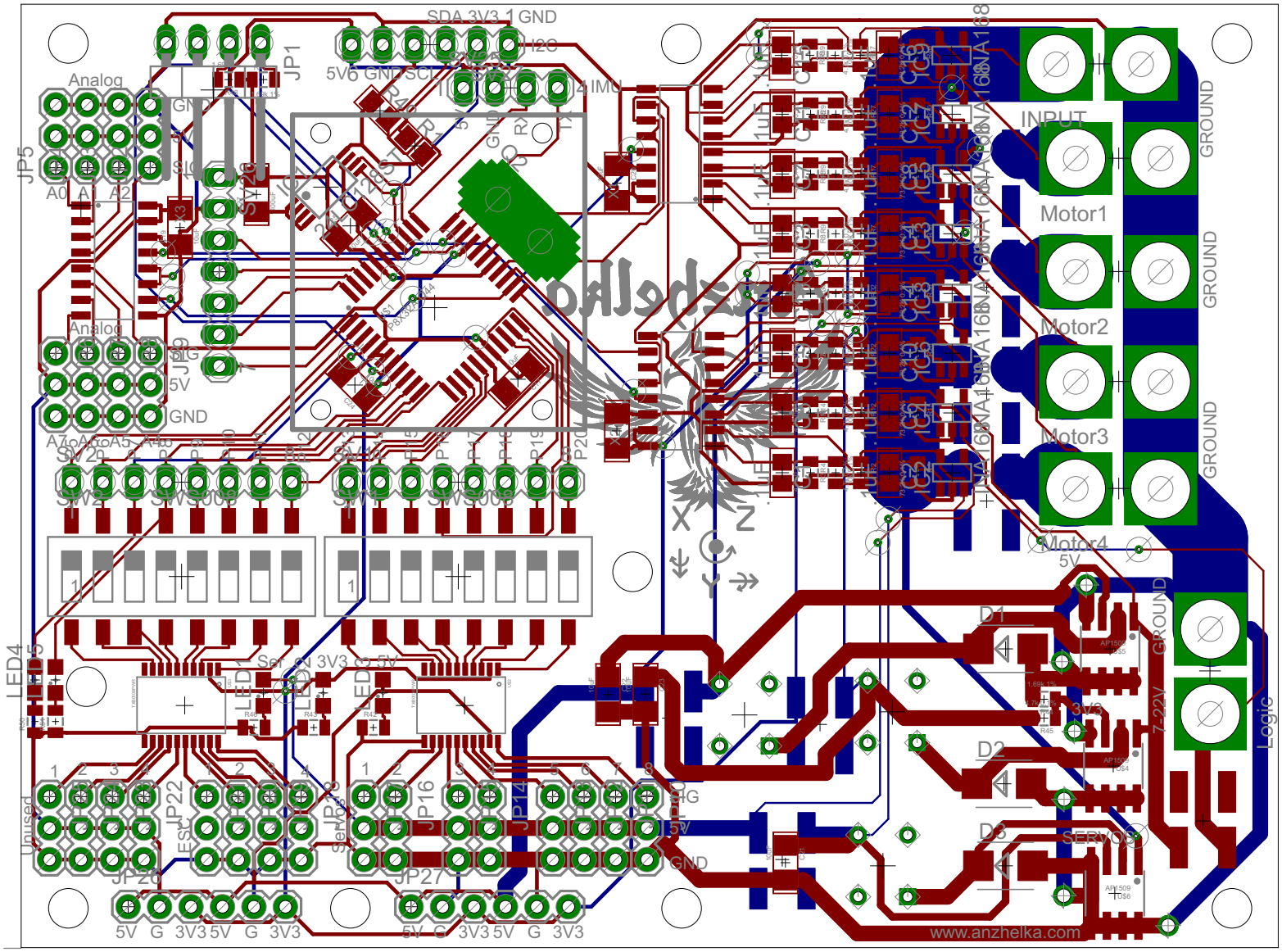
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