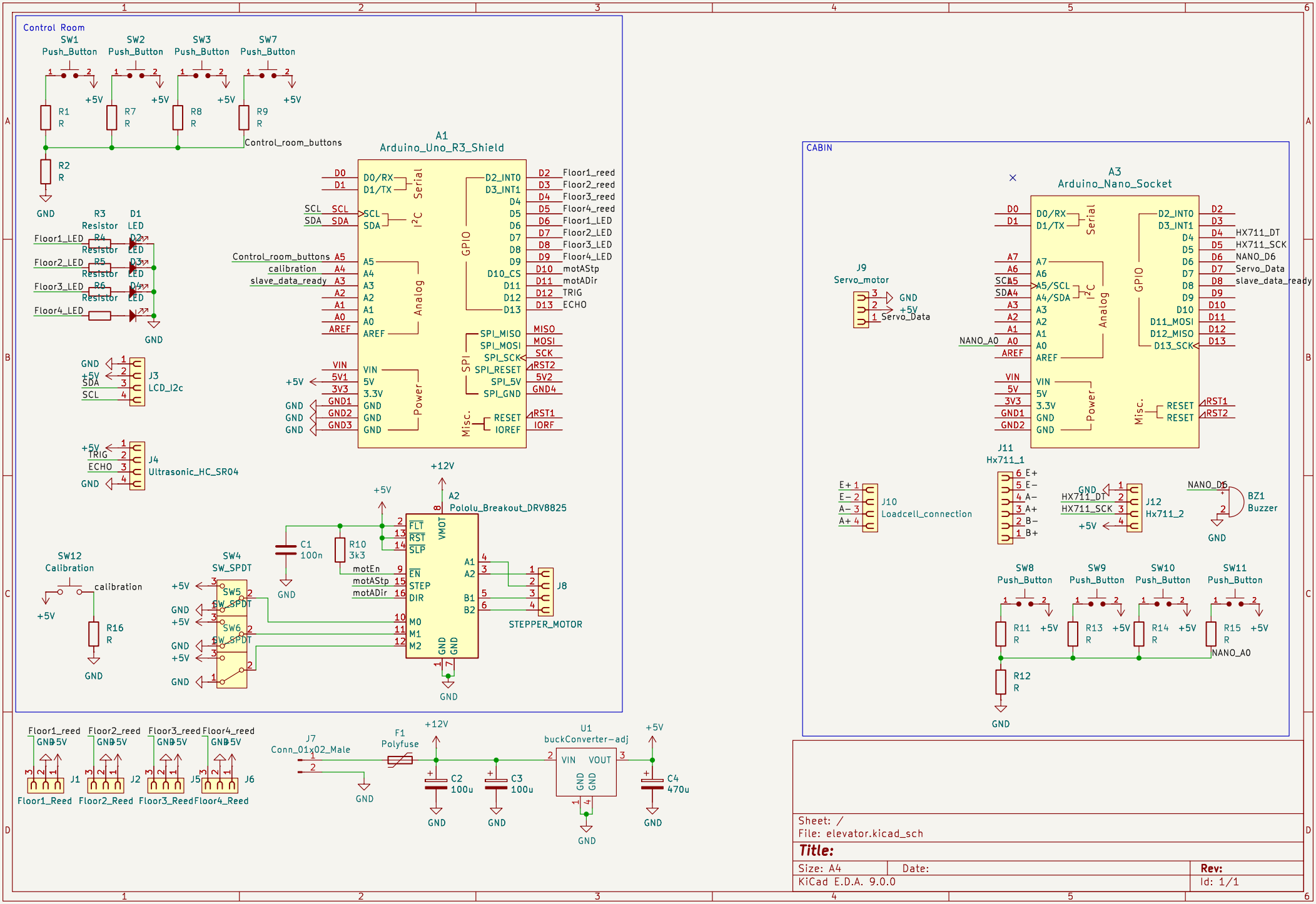
Control Room
SW1 Push_Button
SW2 Push_Button
SW3 Push_Button
SW7 Push_Button
R1 R
R7 R
R8 R
R9 R
Control_room_buttons
R2 R
GND
R3 Resistor
D1 LED
Floor1_LED
Floor2_LED
Floor3_LED
Floor4_LED
J3 LCD_I2c
J4 Ultrasonic_HC_SR04
A1 Arduino_Uno_R3_Shield
Serial
I2C
Analog
GPIO
SPI
Power
Misc.
Floor1_reed
Floor2_reed
Floor3_reed
Floor4_reed
Floor1_LED
Floor2_LED
Floor3_LED
Floor4_LED
motAStp
motADir
TRIG
ECHO
calibration
slave_data_ready
A2 Pololu_Breakout_DRV8825
+12V
C1 100n
R10 3k3
motEn
motAStp
motADir
STEPPER_MOTOR
J8
SW12 Calibration
R16 R
SW4 SW_SPDT
SW5 SW_SPDT
SW6 SW_SPDT
Floor1_Reed
Floor2_Reed
Floor3_Reed
Floor4_Reed
J1
J2
J5
J6
J7 Conn_01x02_Male
F1 Polyfuse
C2 100u
C3 100u
U1 buckConverter-adj
VIN
VOUT
C4 470u
CABIN
A3 Arduino_Nano_Socket
J9 Servo_motor
Servo_Data
HX711_DT
HX711_SCK
NANO_D6
slave_data_ready
NANO_A0
J10 Loadcell_connection
J11 Hx711_1
J12 Hx711_2
BZ1 Buzzer
SW8 Push_Button
SW9 Push_Button
SW10 Push_Button
SW11 Push_Button
R11 R
R13 R
R14 R
R15 R
R12 R
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Date:
Rev:
KiCad E.D.A. 9.0.0
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