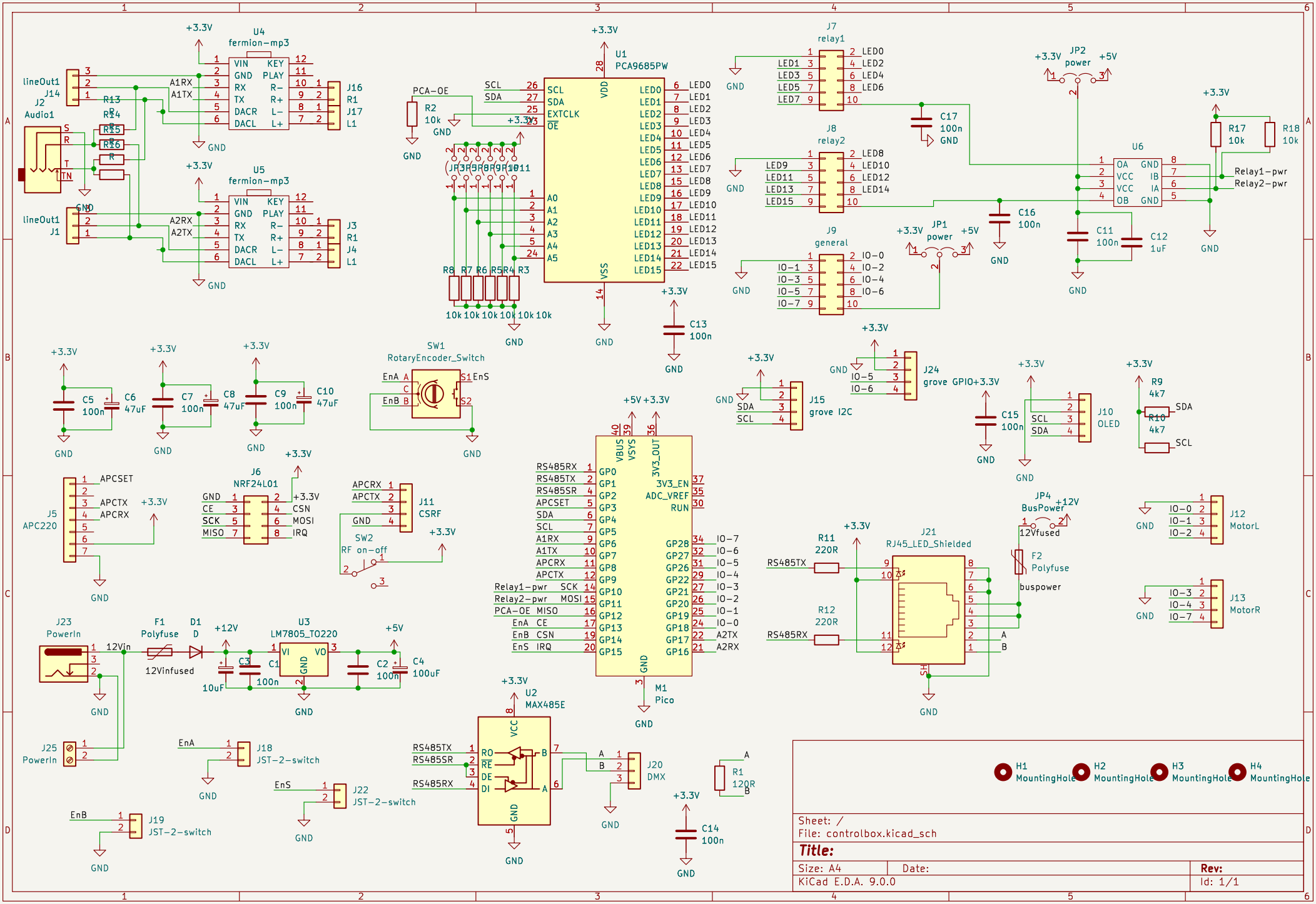
U4
fermion-mp3
U5
fermion-mp3
U1
PCA9685PW
J7
relay1
J8
relay2
J9
general
U6
JP1
power
JP2
power
J14
lineOut1
J2
Audio1
J1
lineOut1
J16
J17
J3
J4
R2
10k
PCA-OE
R8 R7 R6 R5 R4 R3
10k 10k 10k 10k 10k 10k
C13
100n
C17
100n
C16
100n
C11
100n
C12
1uF
R17
10k
R18
10k
Relay1-pwr
Relay2-pwr
C5
100n
C6
47uF
C7
100n
C8
47uF
C9
100n
C10
47uF
SW1
RotaryEncoder_Switch
J24
grove GPIO
J15
grove I2C
C15
100n
J10
OLED
R9
4k7
R10
4k7
J5
APC220
J6
NRF24L01
J11
CSRF
SW2
RF on-off
M1
Pico
J21
RJ45_LED_Shielded
R11
220R
R12
220R
JP4
BusPower
12Vfused
F2
Polyfuse
buspower
J12
MotorL
J13
MotorR
J23
PowerIn
F1
Polyfuse
12Vinfused
D1
D
U3
LM7805_TO220
C3
10uF
C1
100n
C2
100n
C4
100uF
J25
PowerIn
J18
JST-2-switch
J19
JST-2-switch
J22
JST-2-switch
U2
MAX485E
J20
DMX
R1
120R
C14
100n
H1
MountingHole
H2
MountingHole
H3
MountingHole
H4
MountingHole
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