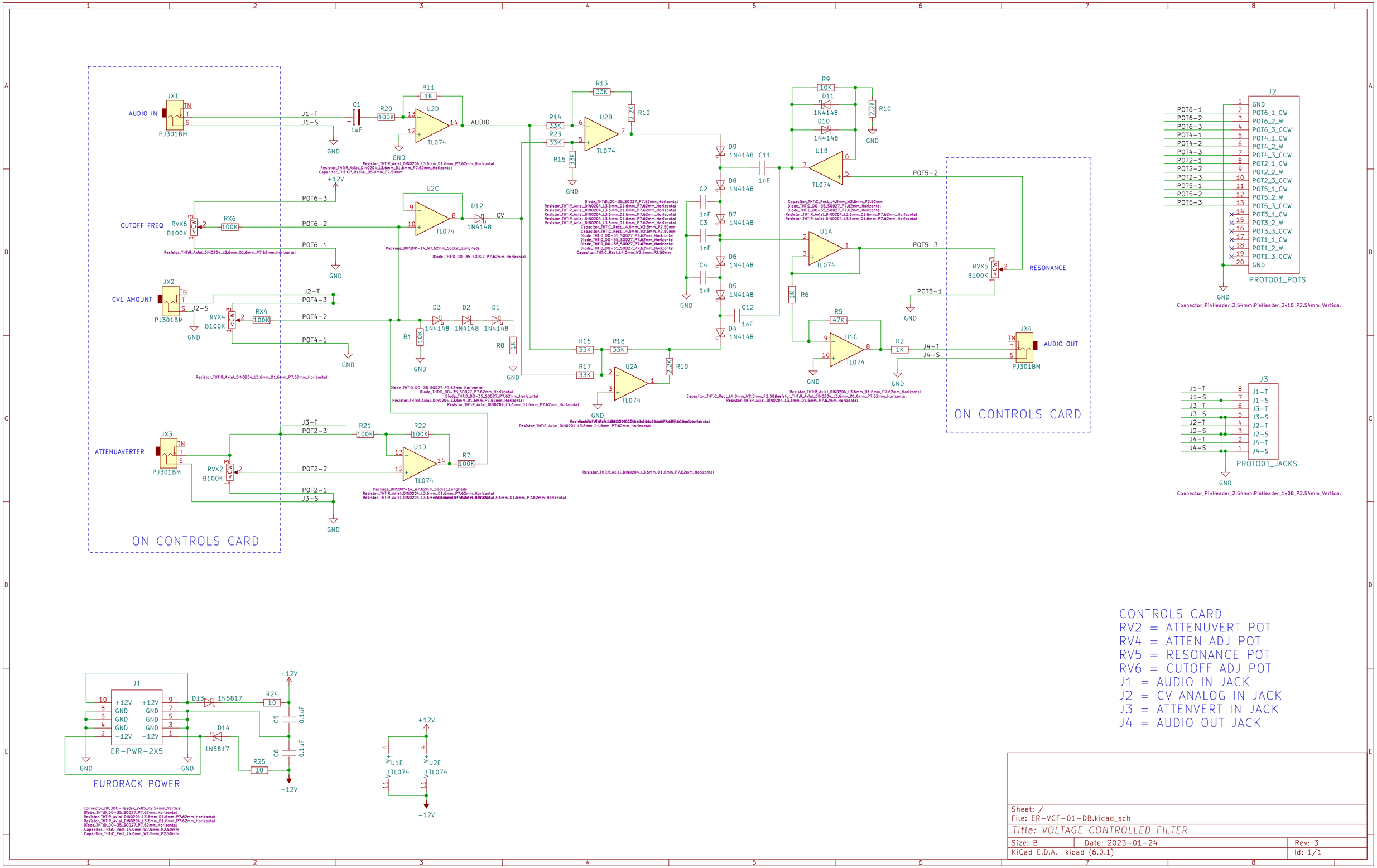
AUDIO IN
JX1
PJ301BM
J1-T
J1-S
C1
1uF
R20
100K
R11
1K
U2D
TL074
AUDIO
GND
R13
33K
R14
33K
R23
33K
R15
33K
R12
2.2K
U2B
TL074
+12V
POT6-3
CUTOFF FREQ
RVX6
B100K
RX6
100K
POT6-2
POT6-1
U2C
TL074
D12
1N4148
CV
CV1 AMOUNT
JX2
PJ301BM
J2-T
J2-S
POT4-3
RVX4
B100K
RX4
100K
POT4-2
POT4-1
D3
D2
D1
1N4148
R1
10K
R8
1K
R16
33K
R18
33K
R17
33K
U2A
TL074
R19
2.2K
D9
1N4148
C11
1nF
D8
1N4148
D7
1N4148
D6
1N4148
D5
1N4148
D4
1N4148
C2
1nF
C3
1nF
C4
1nF
C12
1nF
R9
10K
D11
1N4148
D10
1N4148
R10
2.2K
U1B
TL074
POT5-2
U1A
TL074
POT5-3
RVX5
B100K
RESONANCE
POT5-1
R6
1K
R5
47K
U1C
TL074
R2
1K
J4-T
J4-S
JX4
AUDIO OUT
PJ301BM
ON CONTROLS CARD
ATTENUAVERTER
JX3
PJ301BM
J3-T
POT2-3
R21
100K
R22
100K
U1D
TL074
R7
100K
RVX2
B100K
POT2-2
POT2-1
J3-S
ON CONTROLS CARD
J2
PROTO01_POTS
POT6-1
POT6-2
POT6-3
POT4-1
POT4-2
POT4-3
POT2-1
POT2-2
POT2-3
POT5-1
POT5-2
POT5-3
GND
POT6_1_CW
POT6_2_W
POT6_3_CCW
POT4_1_CW
POT4_2_W
POT4_3_CCW
POT2_1_CW
POT2_2_W
POT2_3_CCW
POT5_1_CW
POT5_2_W
POT5_3_CCW
POT3_1_CW
POT3_2_W
POT3_3_CCW
POT1_1_CW
POT1_2_W
POT1_3_CCW
Connector_PinHeader_2.54mm:PinHeader_2x10_P2.54mm_Vertical
J3
PROTO01_JACKS
J1-T
J1-S
J3-T
J3-S
J2-T
J2-S
J4-T
J4-S
Connector_PinHeader_2.54mm:PinHeader_1x08_P2.54mm_Vertical
J1
ER-PWR-2X5
+12V
GND
-12V
D13
1N5817
D14
1N5817
R24
10
R25
10
C5
0.1uF
C6
0.1uF
EURORACK POWER
U1E
U2E
TL074
CONTROLS CARD
RV2 = ATTENUVERT POT
RV4 = ATTEN ADJ POT
RV5 = RESONANCE POT
RV6 = CUTOFF ADJ POT
J1 = AUDIO IN JACK
J2 = CV ANALOG IN JACK
J3 = ATTENVERT IN JACK
J4 = AUDIO OUT JACK
Sheet: /
File: ER-VCF-01-DB.kicad_sch
Title: VOLTAGE CONTROLLED FILTER
Size: B
Date: 2023-01-24
Rev: 3
KiCad E.D.A. kicad (6.0.1)
Id: 1/1