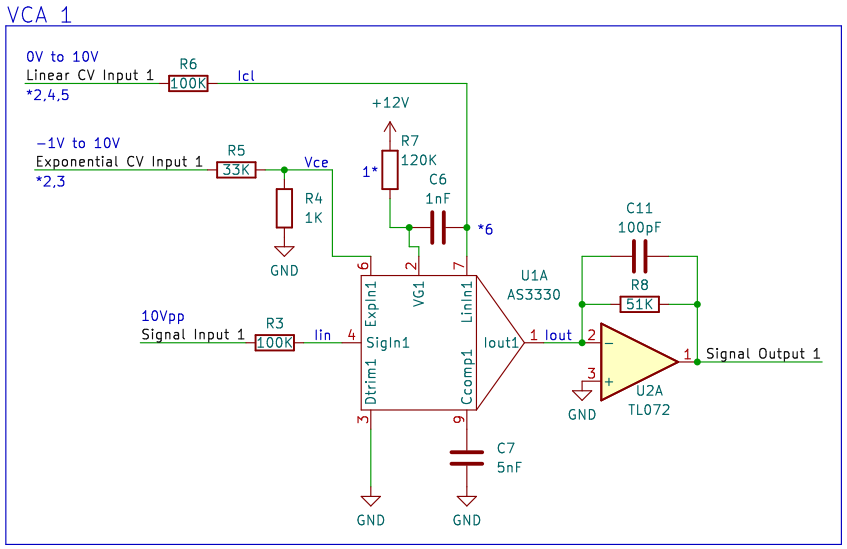
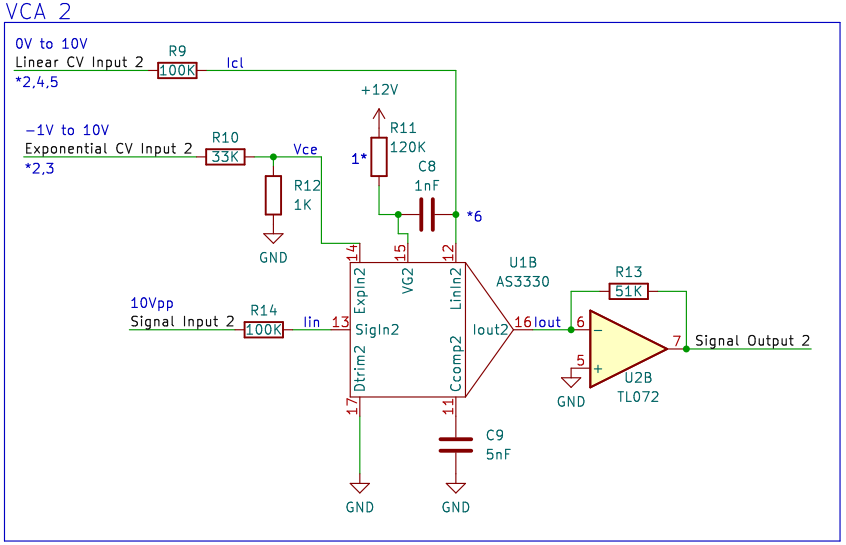
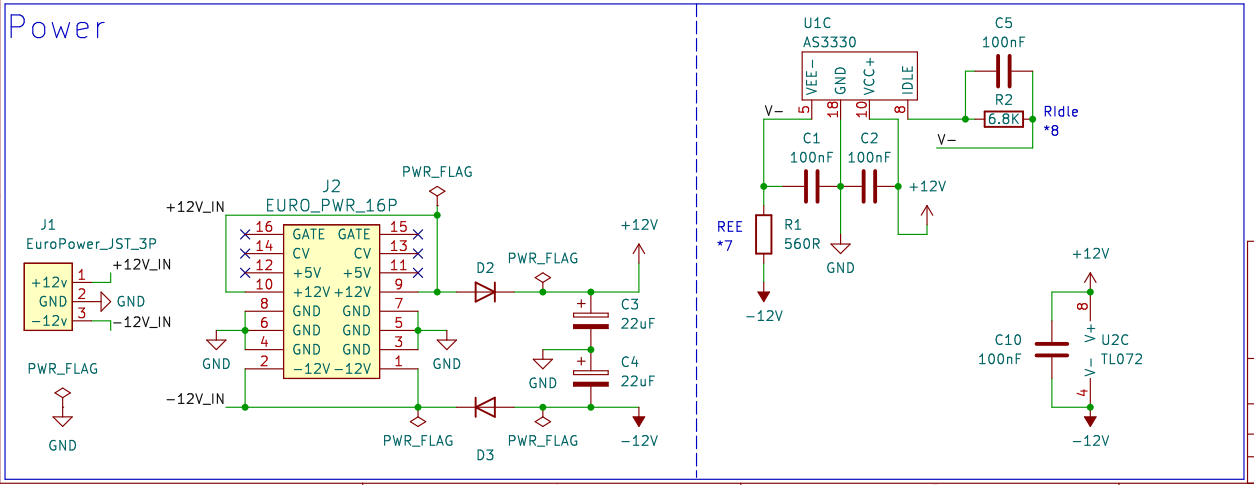




10V at the linear control input through the 100K resistor will be at unity gain.
0V would be at −80dB?
−10V would be at max attenuation which is −110dB



* NOTES *
1) RB should be 120K for a 100uA reference current
2) CV inputs must be normalled to VCC (Digisound)
3) Exp input should be inverted (Digisound)
4) Lin input is a summing node
5) a −10V input would fully attenuate the signal
6) 1nF or larger
7) @15V, 680R, 22mA
7) @12V, 560R, 21.4mA
8) IDLE, @6.8K, class AB, 7uA (Digisound)

Datasheet Circuit
This version is a prototype
DIYSynthMNL

Sheet: /
File: Eurorack−AS3330−Dual−Lin−Exp−VCA.kicad_sch

Title: Eurorack AS3330 Dual Linear/Exponential VCA

Size: A4	Date: 2024−01−28	**Rev: 0.1.1**
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