





Module CV inputs (jacks) OV CV = 100% attenuation 5V CV = Unity Gain

VCA Inputs Vc1, Vc2, Vc3, Vc4 3.3V = 100% attenuation 0V = unity gain Vc < 0V = +20dB gain

Added vca cv input protection diodes to input stage opamps. Changed mixed output op amp resistors to 10k. Rev 0.1.4.

This version is a prototype DIYSynthMNL

Sheet: /
File: AS2164-Quad-Exponential-VCA.kicad_sch

Title: Eurorack AS2164 Quad Exponential VCA
Size: A3 Date: 2024-02-15
KiCad E.D.A. kicad 7.0.9 Rev: 0.1.4

EURO_PWR_16P pwr_FLAG +12V_IN J14 +12V_IN J14 +12V_IN J15 GATE GATE 15 A14 CV CV IN 10 +12V 11 +12V 12 GND GND GND GND GND GND GND GN	C13 100nF GND BAT42 GND	C17 > U1E C18 100nF TL074 100nF	12V +12V \$\frac{12V}{7} \\ \$\frac{1}{1} \text{U2E} \\ \$\frac{1}{1} \text{TL074} \\ \$\frac{1}{1} \text{TL074} \\ \$\frac{1}{1} \text{U4E} \\ \$\frac{1}{1} \text{TL074} \\ \$\frac{1}{1} \text{U2E} \\ \$\frac{1} \text{U2E} \\	+12V +12V >U5C 100nF -1TL072 -12V
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