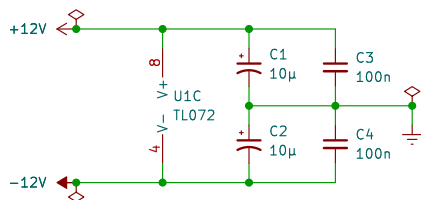


Set JP1 to -12 .
 Measure input and output voltages at several settings of RV1.
 Plot in a spreadsheet and demonstrate that V_{out} is
 proportional to $\log_k(V_{in})$ for some base k .

Set JP1 to the function generator and apply a triangle
 or ramp in the range $[0 \dots -V]$. Adjust RV1 for scale and
 demonstrate the graph of the log function on the oscilloscope.

Warm or cool the diode to demonstrate temperature sensitivity.



Op-Amp Basics
 Episode 3 – The Monster in the Loop
Kludges from Kevin's Cave

Sheet: /
 File: logamp.kicad_sch

Title: Demonstrator Log Amp

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