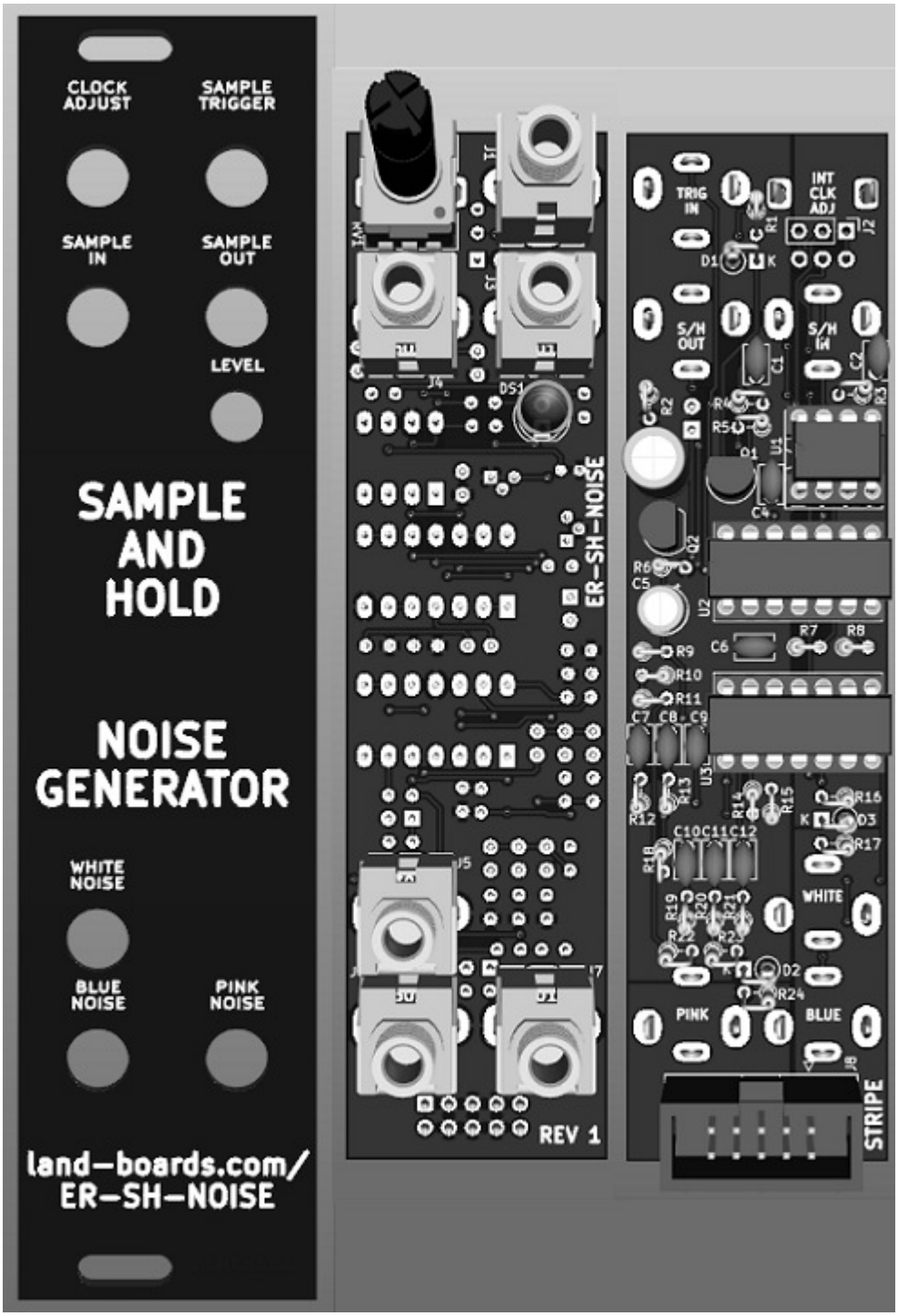
ER-SH-NOISE



Contents

Features

- Sample and Hold
- Noise Generator

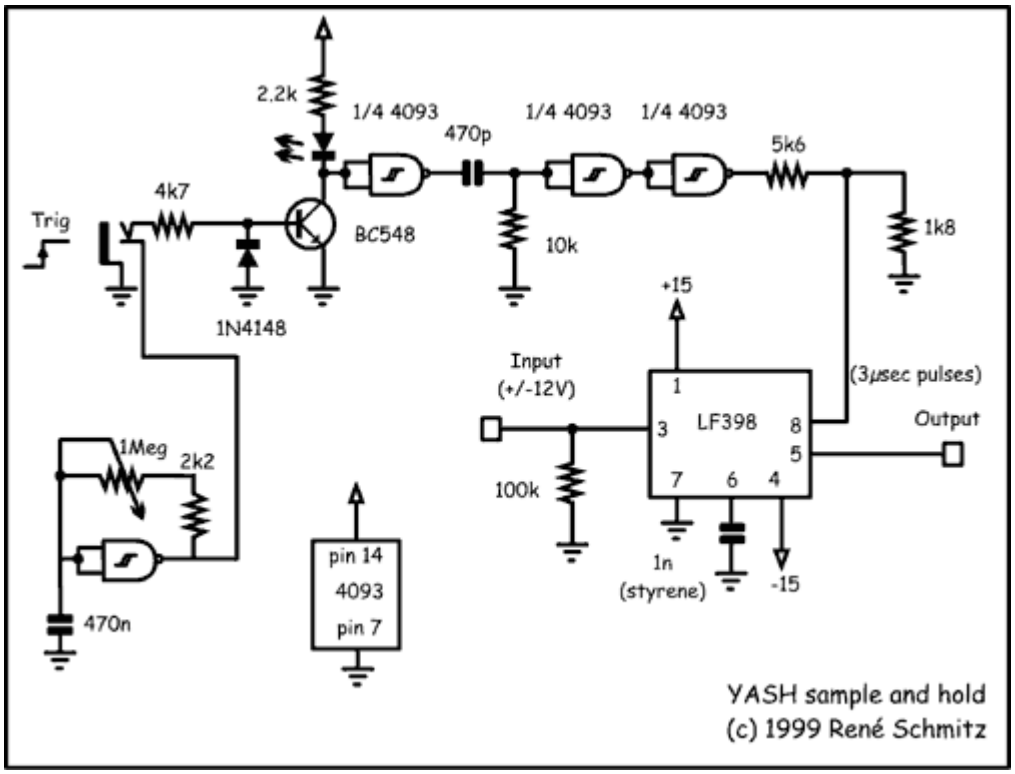
Assembly Sheet

Features

- Eurorack 6HP, 3U module
- LF398 Sample and Hold (https://www.mouser.com/ProductDetail/926-LF398AN-NOPB)
  - Based on schmitzbits YASH * (Yet another Sample and Hold) design (https://www.schmitzbits.de/sah.html)
  - Adjustable Internal Clock over-ridden by external jack
  - Signal Level LED
- Noise Generator
  - Based on Moritz Klein's Designing a white, pink & blue noise generator from scratch (https://www.youtube.com/watch?v=0yB_h_wFkh4) design
  - White, Pink, Blue noise outputs
  - Outputs are all buffered
- White noise routed to Sample and hold switch input
  - If no jack is connected to the Sample and Hold Input jack, the input is from the white noise output
- 10 pin Eurorack power connector

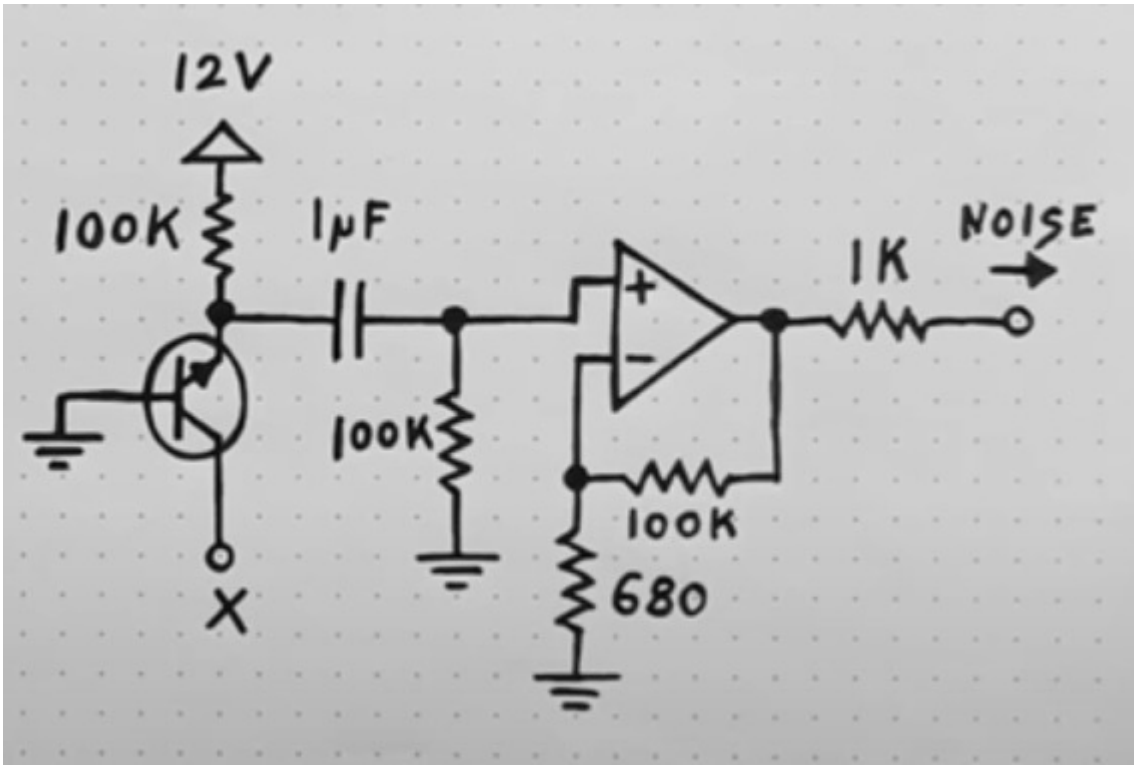
Sample and Hold

- Credit Moritz Klein's Designing a white, pink & blue noise generator from scratch (https://www.youtube.com/watch?v=0yB_h_wFkh4) design

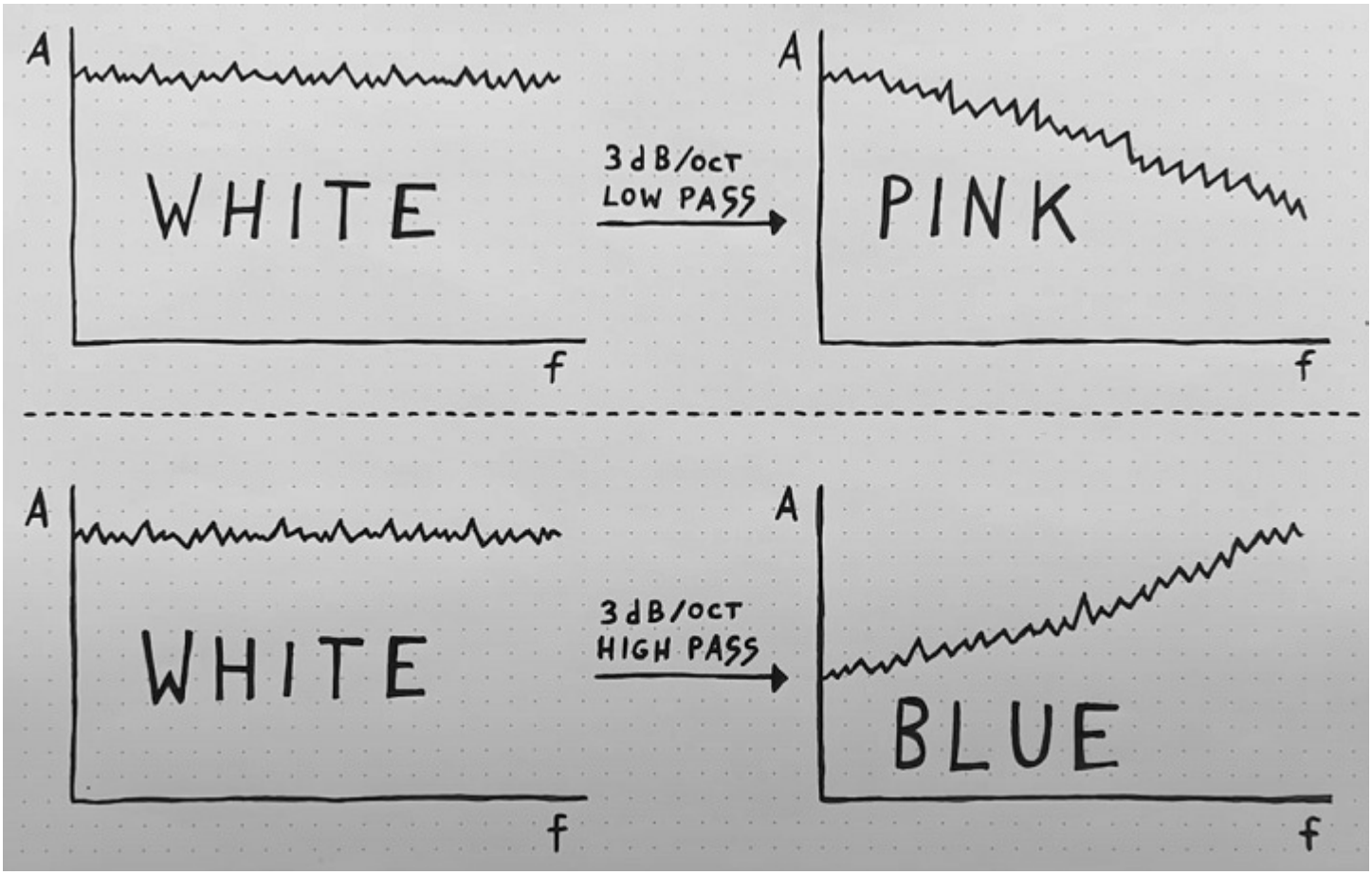


Noise Generator

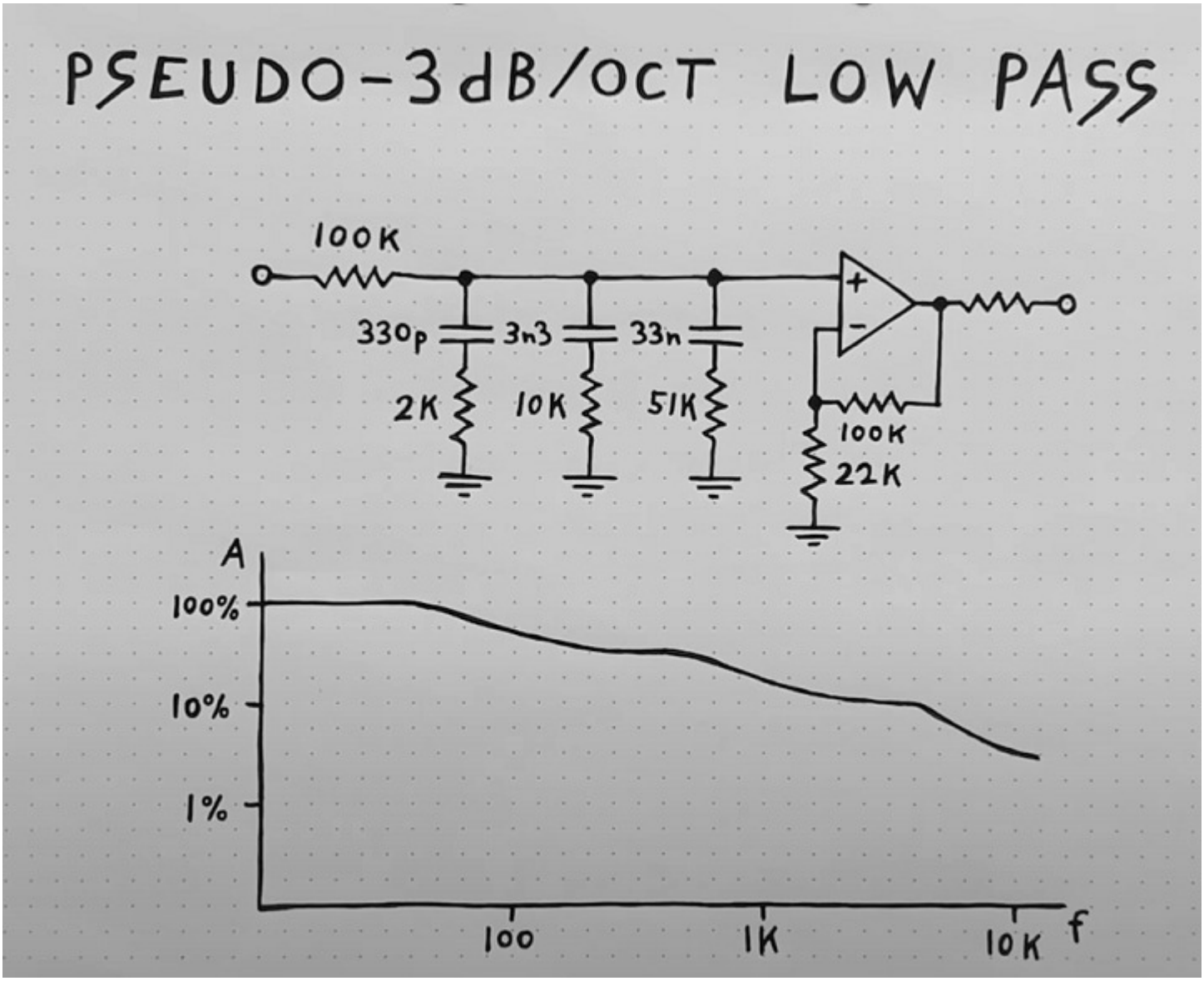
- Credit Moritz Klein's Designing a white, pink & blue noise generator from scratch (https://www.youtube.com/watch?v=0yB_h_wFkh4) design
- Noise Generator



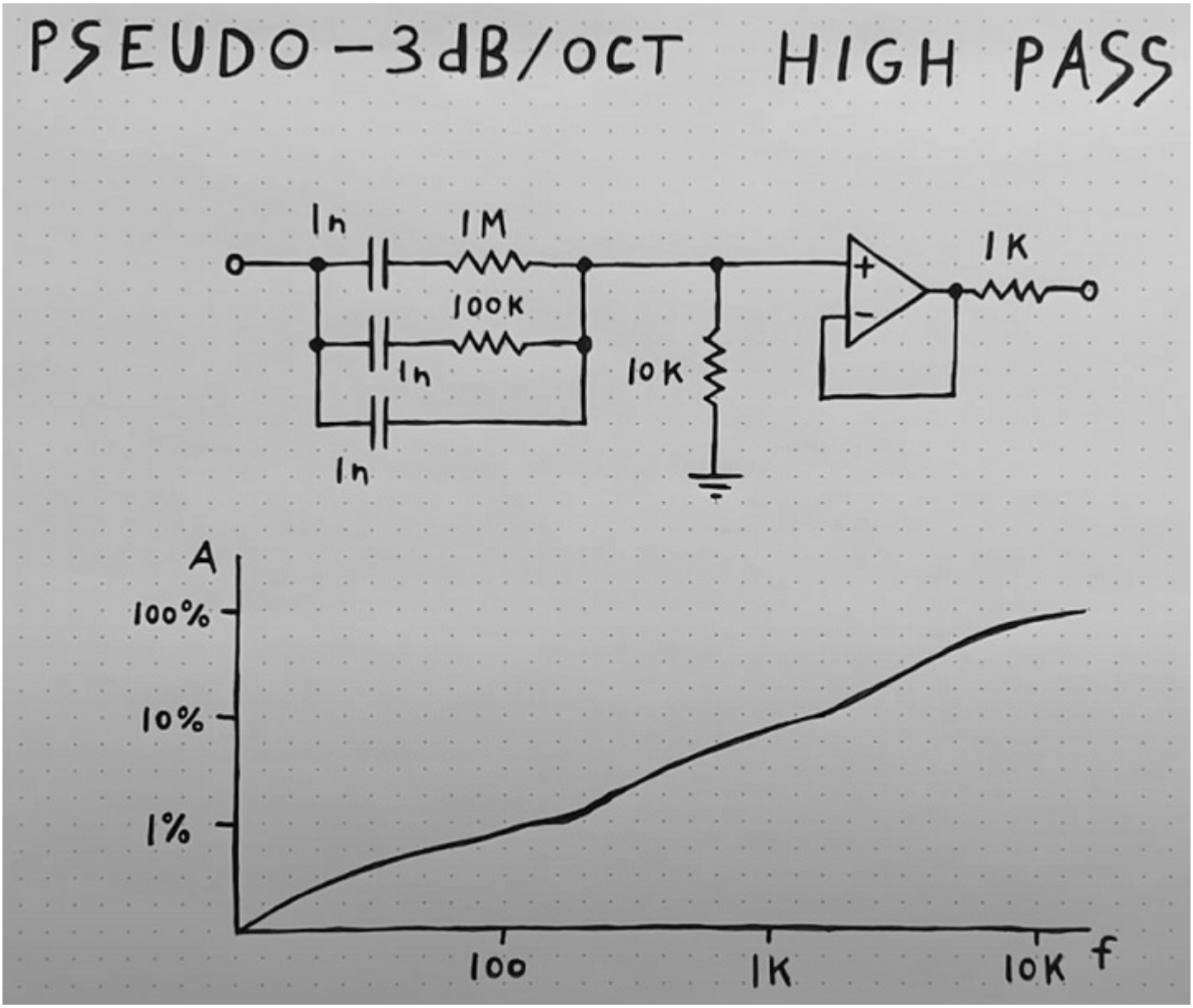
- White/Pink/Blue noise



- Low Pass Filter (Pink Noise)



- High Pass Filter (Blue Noise)



Assembly Sheet

ER-SH-NOISE Rev 1 Assembly Sheet

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