

# Electronic things... and stuff

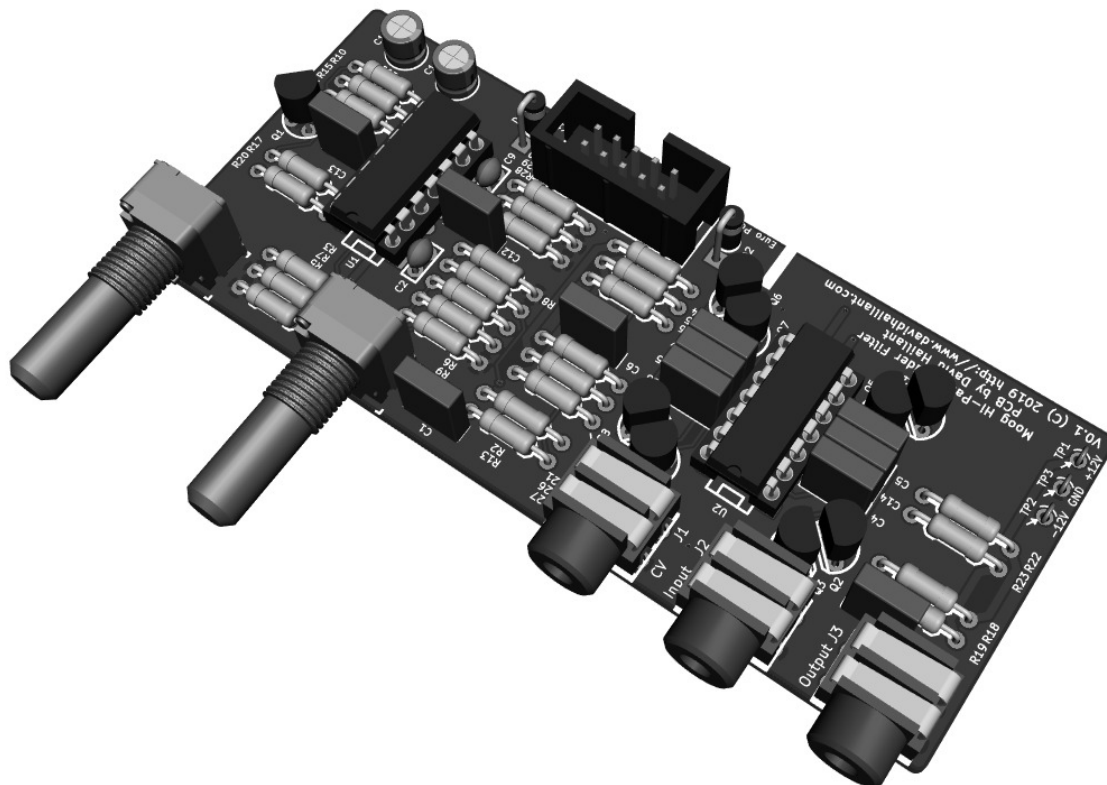
シンセサイザー for the masses!

## Moog-type High-pass Ladder VCF

🕒 6 May 2019

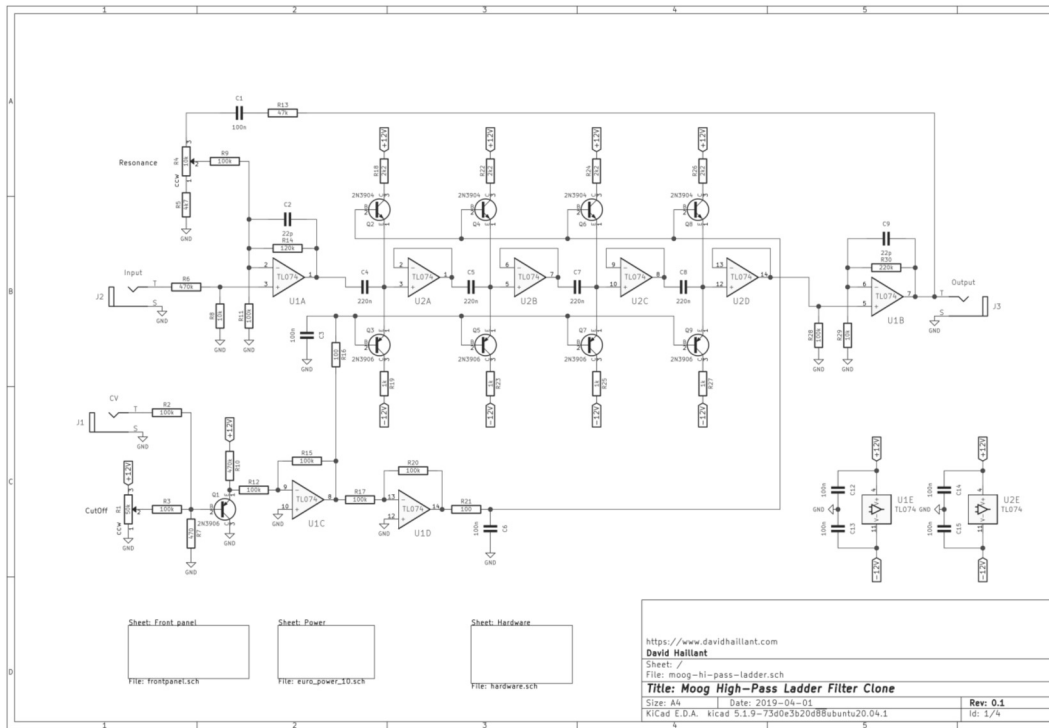
📁 Moog Hi-pass Ladder Filter

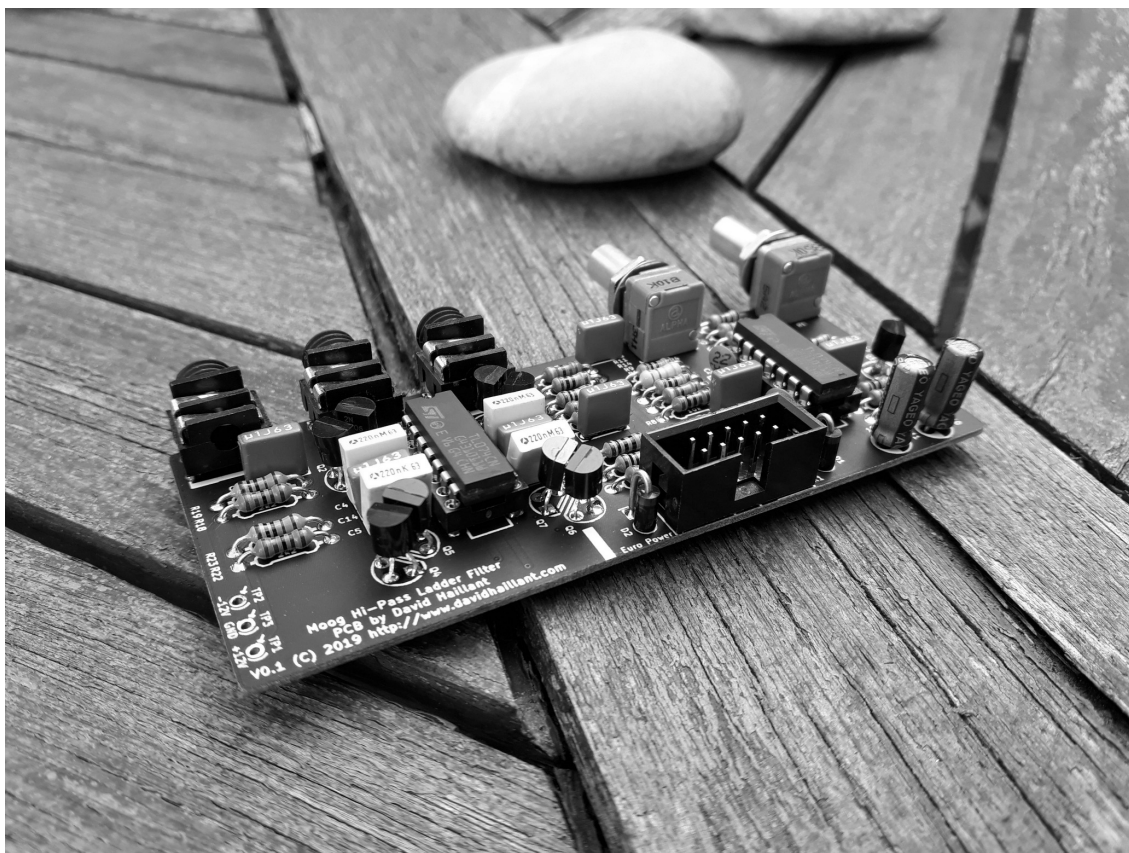
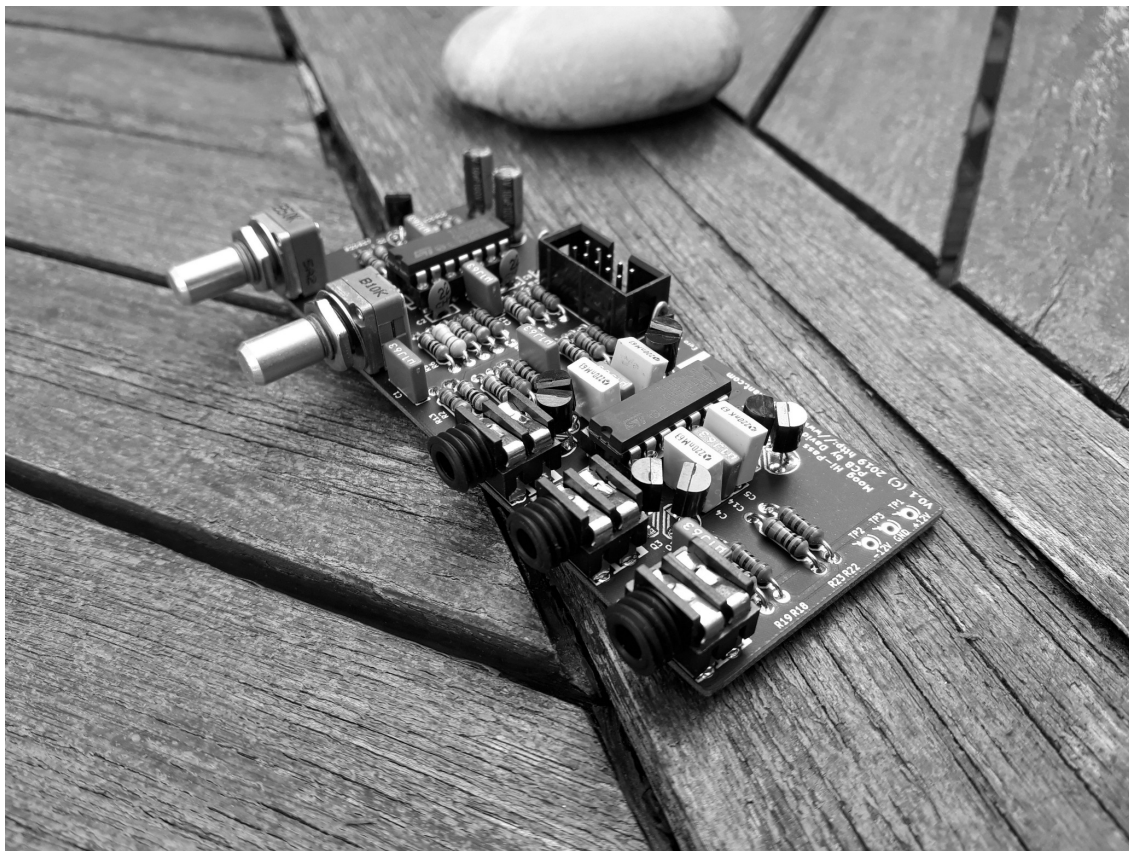
🔗 Eurorack, Filter, High pass, Moog, VCF



This is a Moog-inspired Voltage Controlled High-Pass Ladder Filter clone, based on the High Pass Filter by EFM (Electronics For Music).

The final circuit is also directly inspired by the comments and suggestions from Kristian Blåsol in his video Moog Highpass Transistor Ladder Filter – DIY Modular in a Week 7.5.







*4HP Front Panel*

## **Documentation**

- **Interactive BOM** (moog-hi-pass-ladder-0.1-ibom-2020-01-14)
- **Schematics** (moog-hi-pass-ladder-0.1.pdf)

## *5 thoughts on “Moog-type High-pass Ladder VCF”*



Martin  
Sørensen

1 June 2022 at 9 h 40 min

Hi there..

Im just about to build you ladder filter, but im wandering why it says CCW next to the pots ??

Martin – Denmark



★ david

1 June 2022 at 9 h 43 min

Hey!

CCW means “Counter ClockWise”

Let me know how it works 😊



Martin  
Sørensen

1 June 2022 at 17 h 38 min

I assumed it was counter clockwise, but just dont see why 😊



★ david

1 June 2022 at 17 h 43 min

The CCW mark simply helps me orient the potentiometer in KiCad schematics editor 😊

1 June 2022 at 20 h 00 min



Ahh.. makes sense 😊  
Thanks for your answers.

Martin  
Sørensen