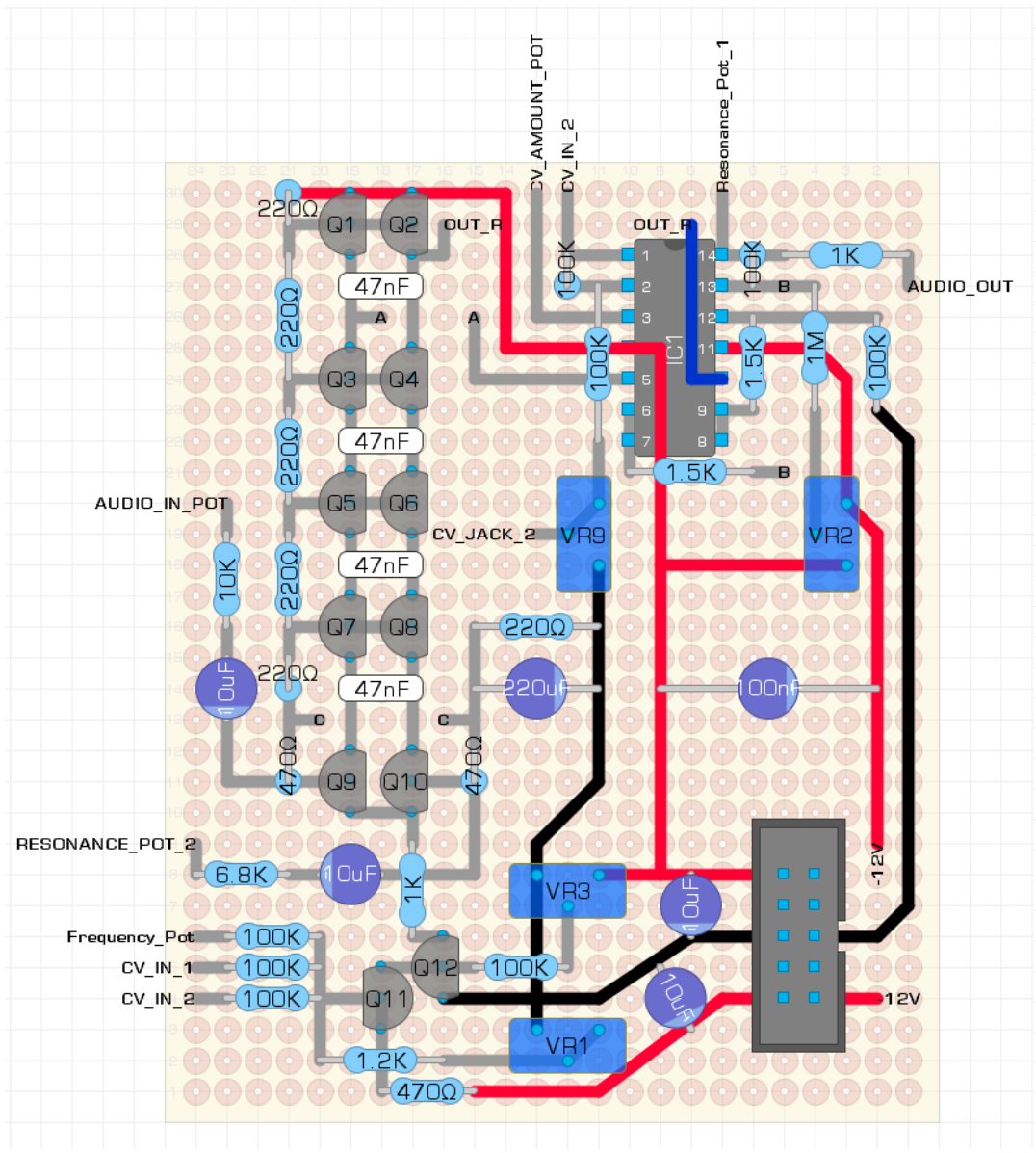


Kassutronics Ladder Filter; Perfboard By Luther; version 2 (25-7-2021)

Source: <https://kassu2000.blogspot.com/2018/07/transistor-ladder-filter.html>



VR1=V/Oct tracking
VR2=Center audio out
VR3=Frequency offset
VR9=Center CV

- | | |
|--|------------|
| 1V/OCT, AUDIO_IN, AUDIO_OUT, CV_IN | THONKICONN |
| Perf Board w/ Pads | qty 1 |
| C1, C2, C7, C9 | 10uF |
| C3, C4, C5, C6 | 47nF |
| C8 | 220uF |
| C10 | 100nF |
| CV_AMOUNT | 100K Lin |
| Fequency, RESONANCE, VR4 | 10K Lin |
| IC1 | TL074 |
| POWER_IDC | qty 1 |
| Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q8, Q9, Q10, Q12 | 2n3904 |
| Q11 | 2n3906 |
| R1, R10 | 4.7K |
| R2 | 6.8K |
| R5, R7, R13, R19, R21, R59 | 220Ω |
| R6, R32, R73 | 470Ω |
| R8 | 10K |
| R9, R29, R33, R34, R38, R39, R43, R44 | 100K |
| R27, R40 | 1K |
| R31 | 1.2K |
| R41, R42 | 1.5K |
| R45 | 1M |
| VR1 | 1K Lin |
| VR2, VR9 | 100K Lin |
| VR3 | 10K Lin |

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