

Erica Synths Polivoks VCF Bill of Materials

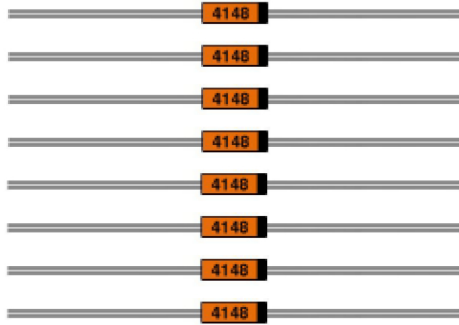
Please note: This BOM may differ slightly from the Erica Synths BOM or schematic on Github. We have made a few small improvements on some circuits. Where there is a discrepancy, please use this BOM.

Assembly guide can be found here: github.com/erica-synths/diy-eurorack

Page 1 of 3

DIODES

1N4148: VD1, VD2, VD5, VD6, VD7, VD8, VD9, VD10



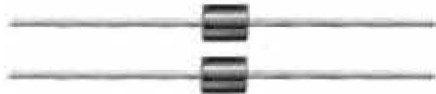
1N4001: VD3, VD4



Total: 10

INDUCTORS

Ferrite Bead: L1, L2



Total: 2

INTEGRATED CIRCUITS & SOCKETS

8 Pin Dip Socket:



TL072: DA2



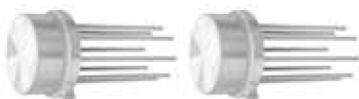
14 Pin Dip Socket:



TL074: DA1



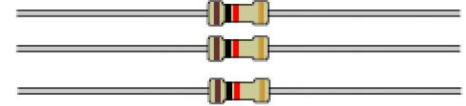
K140UD12: DA3, DA4



Total: 6

RESISTORS (1/4 Watt, 5%)

1k: R27, R31, R39



3k: R23



4.7k: R2



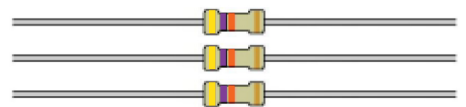
10k: R9, R10, R12, R15, R16, R21



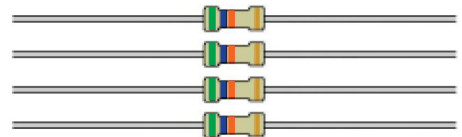
39k: R24



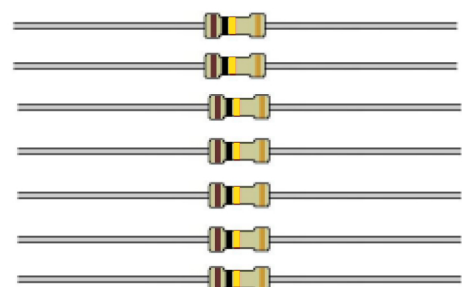
47k: R25, R26, R30



56k: R35, R36, R37, R38



100k: R6, R18, R19, R20, R22, R33, R34



110k: R28, R32



Total: 28

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Page 2 of 3

CONNECTORS

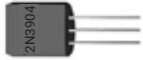
10 Pin Shrouded Header: XP1



Total: 1

TRANSISTORS

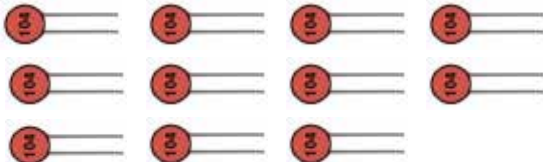
2N3904: VT1



Total: 1

CAPACITORS

0.1 μ F Ceramic: C2, C5, C6, C7, C8, C9, C10, C14, C15, C16, C17



10 μ F Electrolytic- C11, C12



10 μ F Non-Polarized Electrolytic- C1, C13



47 μ F Electrolytic- C3, C4



Total: 17

FUSES

400mA Resettable Fuse: VR1, VR2



Total: 2

JACKS

3.5mm Mono Jacks: XS1, XS2, XS3, XS4



Total: 4

POTENTIOMETERS

50k Single Turn Trim Pot: R1



A100k Vertical Mount: R11



B100k Vertical Mount: R3, R7, R8, R29



Total: 6

SWITCHES

SPDT Sub-Mini ON/ON: SW1



Total: 1

OTHER

KNOBS

19mm Small Black Knob

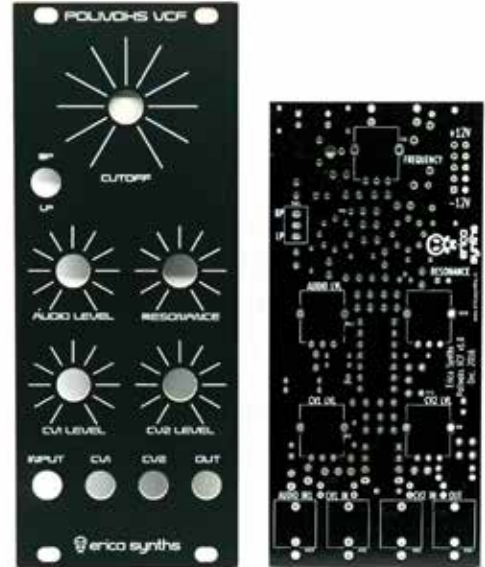


28mm Large Black Knob



Total: 5

PCB & PANEL



Total: 2

HARDWARE

2.5mm Screws



3mm Screws



Total: 8

POWER CABLES

10 to 16 Pin Power Cable



Total: 1