

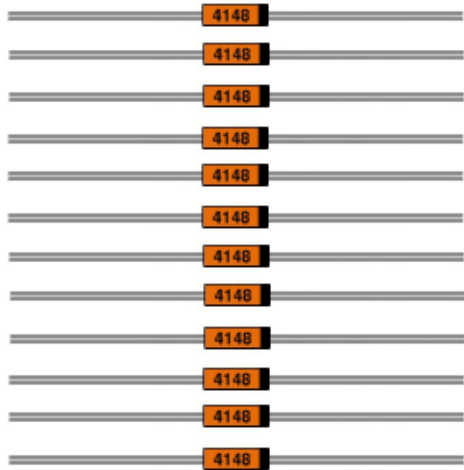
Erica Synths Polivoks Envelope Generator Bill of Materials

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

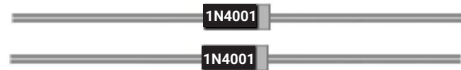
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DIODES

1N4148: VD1, VD2, VD5, VD6, VD7, VD8, VD9, VD10, VD11, VD12, VD14, VD15



1N4001: VD3, VD4



Total: 14

CAPACITORS

4.7 μ F 16V Electrolytic: C7



47 μ F 25V Electrolytic: C1, C2



0.1 μ F Ceramic: C3, C4, C5, C6



Total: 7

FUSES

400mA Resettable Fuse: VR1, VR2



Total: 2

INDUCTORS

Ferrite Bead: L1, L2



Total: 2

RESISTORS (1/4 Watt, 1%)- All Stand-Up

200 Ω : R7, R8, R9



470 Ω : R28, R31, R44



1.8k: R37



2.7k: R25, R38

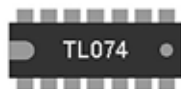


INTEGRATED CIRCUITS & SOCKETS

14 Pin Dip Socket: DA1



TL074



Total: 2

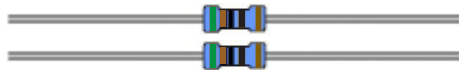
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RESISTORS (1/4 Watt, 1%)- All Stand-Up

3.3k: R46, R55



5.1k: R16, R17



10k: R1, R6, R33, R34, R39



15k: R26



20k: R11, R12, R15



22k: R40



33k: R29, R30



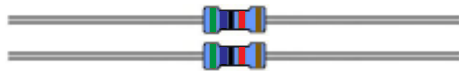
39k: R32



47k: R24, R36, R42

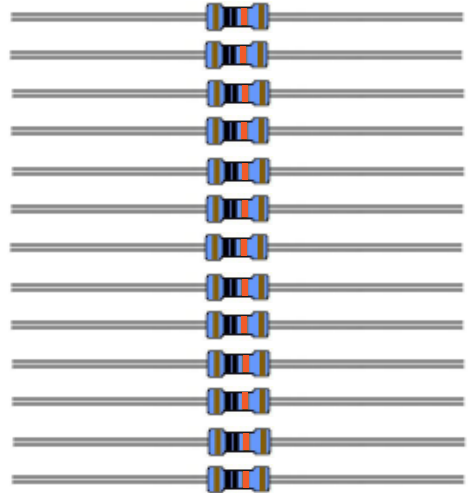


56k: R49, R50



RESISTORS (1/4 Watt, 1%)- All Stand-Up

100k: R10, R13, R14, R19, R20, R23, R27, R43, R45, R47, R48, R52, R53



150k: R22



220k: R54



470k: R21



560k: R4, R51



1M: R35



Total: 50

CONNECTORS

10 Pin Header: XP1

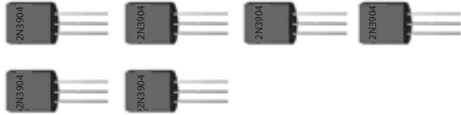


Total: 1

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TRANSISTORS

2N3904: VT1, VT3, VT5, VT6, VT8, VT9



2N3906: VT2, VT4, VT7



Total: 9

SWITCHES

DPDT Sub-Mini ON-ON: SW1



Total: 1

DIODES

3mm Red LED: VD13



3mm Yellow LED: VD16



Total: 2

JACKS

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



Total: 4

OTHER

KNOBS

19mm Small Black Knob



Total: 4

POTENTIOMETERS

A1M Vertical Mount: R2, R3, R5



B100k Vertical Mount: R18



Total: 4

HARDWARE

2.5mm Screws



3mm Screws



Total: 4

Erica Synths Polivoks Envelope Generator Bill of Materials

OTHER

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POWER CABLES

10 to 16 Pin Power Cable



Total: 1

PCB & PANEL



Total: 2