

Erica Synths Output Bill of Materials

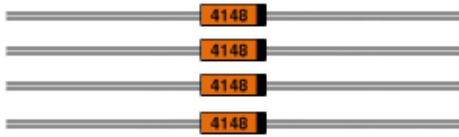
Assembly guide can be found here: github.com/erica-synths/diy-eurorack

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Logic Board

DIODES

1N4148: VD2-VD5



Total: 4

RESISTORS (1/4 Watt, 1%)

100k: R2, R5, R6, R13, R27, R28



Total: 20

SURFACE MOUNT INTEGRATED CIRCUITS

LM4808: DA3*



Total: 1

INTEGRATED CIRCUITS & SOCKETS

14 Pin Dip Socket: DA2

TL074



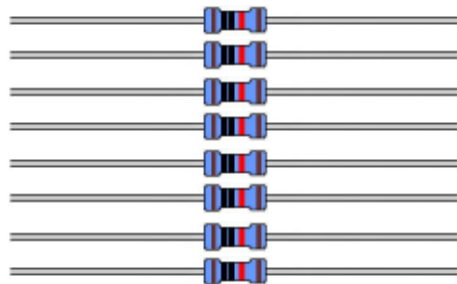
Total: 2

RESISTORS (1/4 Watt, 1%)

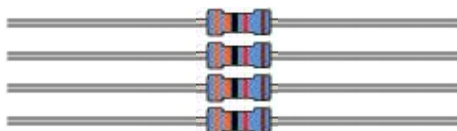
3.9k: R14, R17



10k: R7, R8, R11, R12, R16, R18, R21, R22



33k: R25, R26, R29, R30



CAPACITORS

1 μ F Electrolytic- C16



2.2 μ F Electrolytic- C12, C20



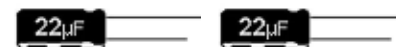
10 μ F Non-Polarized Electrolytic- C1, C2



0.1 μ F Ceramic: C8, C9, C14



22 μ F Electrolytic- C21, C22



100 μ F Electrolytic- C18, C23, C24



Total: 13

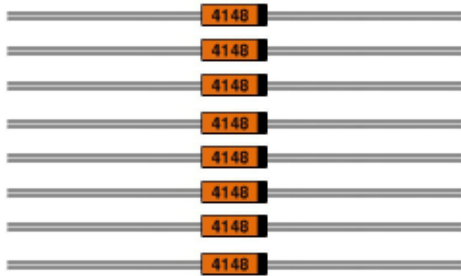
*Orientation: the dot should be pointing toward the bottom left of the board

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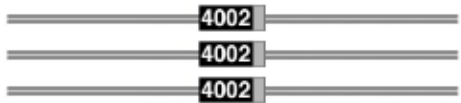
Control Board

DIODES

1N4148: VD10-VD17



1N4002: VD1, VD6, VD7



Total: 11

RESISTORS (1/4 Watt, 1%)

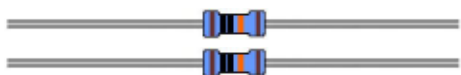
75Ω: R33, R34



470Ω: R31, R32



100k: R3, R4



120k: R15, R20



Total: 8

INDUCTORS

Ferrite Bead: L1, L2



Total: 2

CAPACITORS

47μF Electrolytic: C10, C11



15pF Ceramic: C4, C5



0.1μF Ceramic: C3, C6, C7, C13



Total: 8

FUSES

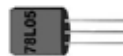
400mA Resettable Fuse: VR1, VR2



Total: 2

VOLTAGE REGULATORS

78L05: DA1



Total: 1

JACKS

3.5mm Mono Jacks: XS1, XS2



3.5mm Stereo Jacks: XS4, XS9



Total: 4

Erica Synths Output Bill of Materials

Control Board Continued

POTENTIOMETERS

B10k Vertical Dual Gang: R1



Total: 1

HARDWARE

2.5mm Screws

3mm Screws



Total: 7

KNOBS

19mm Small Black Knob



Total: 1

Other Components

CONNECTORS

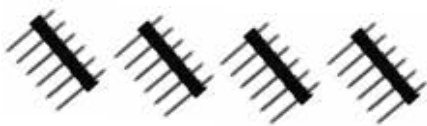
10 Pin Shrouded Header: XP1



6 Pin Socket (Control Board): XS3, XS5-XS7



6 Pin Header (Logic Board): XP2-XP5



Total: 9

POWER CABLES

10 to 16 Pin Power Cable



Total: 1

HARDWARE

11mm Standoffs



PCB & PANELS



Total: 3