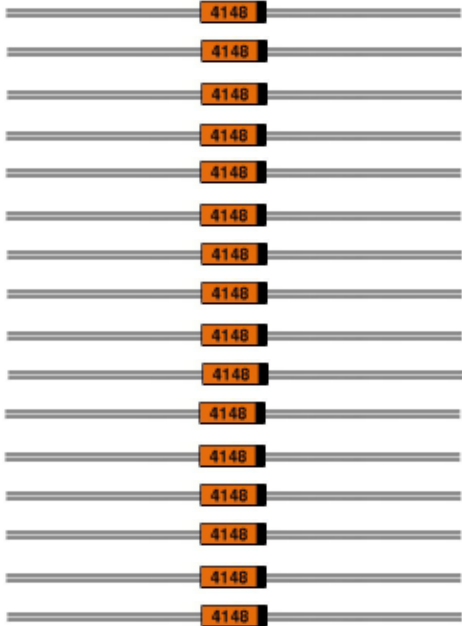


# Erica Synths Bassline Bill of Materials

## CONTROL BOARD

### DIODES

1N4148: VD3, VD4, VD5, VD6, VD9, VD10, VD12, VD13, VD15, VD16, VD23, VD24, VD25, VD26, VD27, VD28



1N4001: VD7, VD8



Total: 18

### RESISTORS (1/4 Watt, 5%)

470Ω: R160, R164, R165



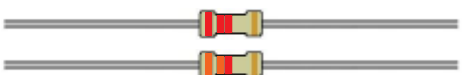
1k: R14



2.2k: R59



3.3k: R63, R112

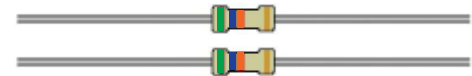


### RESISTORS (1/4 Watt, 5%)

10k: R15, R16, R38, R47, R60, R81, R82



56k: R45, R61



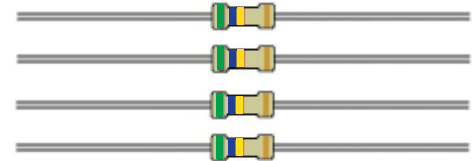
100k: R11, R37, R58, R79, R150, R161, R162



330k: R56



560k: R67, R72, R105, R108



1M: R13



1.5M: R12



2.2M: R64



10M: R49



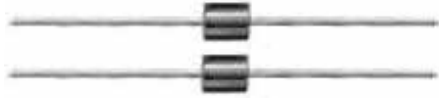
Total: 32

# Erica Synths Bassline Bill of Materials

## CONTROL BOARD

### INDUCTORS

Ferrite Bead: L1, L2



Total: 2

### INTEGRATED CIRCUITS & SOCKETS

14 Pin Dip Socket: DA2, DA3 TL074



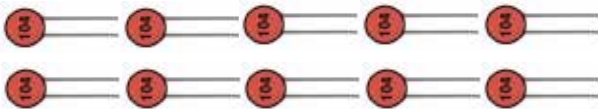
Total: 4

### CAPACITORS

47 $\mu$ F Electrolytic: C2, C3



0.1 $\mu$ F Ceramic: C1, C5, C6, C9, C10, C13, C14, C33, C46 C60



Total: 12

### FUSES

400mA Resettable Fuse: VR1, VR2



Total: 2

### CONNECTORS

10 Pin Header: XP1



1x10 Pin Socket: XS11



1x20 Pin Socket: XS9, XS10



Total: 4

### TRANSISTORS/VOLTAGE REGULATORS

2N3904: VT2



2N3906: VT10



Total: 2

### JACKS

3.5mm Mono Jacks: XS1, XS2, XS3, XS4, XS5, XS6, XS7, XS8



Total: 8

# Erica Synths Bassline Bill of Materials

## CONTROL BOARD

### POTENTIOMETERS

10k Multi Turn Trim Pot: R10



B10k Vertical Mount: R2, R3, R7



B100k Vertical Mount: R1, R4, R5, R6



B250k Vertical Mount: R8



B250k Vertical Dual Gang: R9



Total: 10

### DIODES

3mm Red LED: VD1, VD2



Total: 2

### SWITCHES

SPDT Sub-Mini ON-ON: SW1



SPDT Sub-Mini ON-OFF-ON: SW2

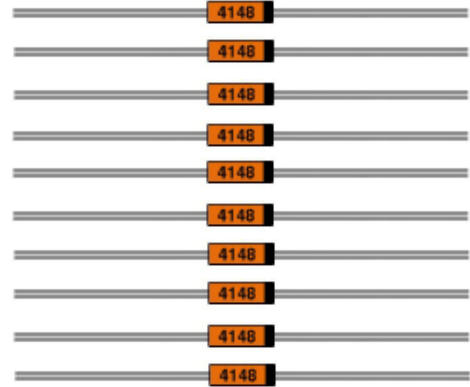


Total: 2

## LOGIC BOARD

### DIODES

1N4148: VD11, VD14, VD17, VD18, VD19, VD20, VD21, VD22, VD29, VD30



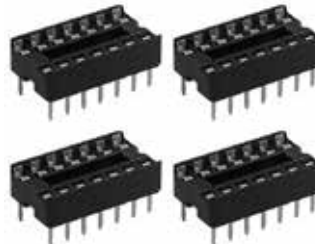
Total: 10

### INTEGRATED CIRCUITS & SOCKETS

8 Pin Dip Socket: DA7



14 Pin Dip Socket: DA1, DA4, DA5, DA6



16 Pin Dip Socket: DA10



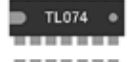
16 Pin Dip Socket: DA11



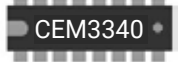
TL072



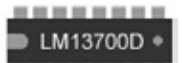
TL074



CEM3340 or AS3340



LM13700



# Erica Synths Bassline Bill of Materials

## LOGIC BOARD

### INTEGRATED CIRCUITS & SOCKETS

K140UD12: DA8, DA9



Total: 16

### CAPACITORS

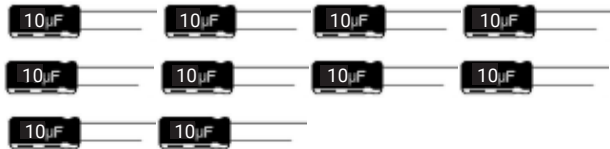
1 $\mu$ F Electrolytic: C38



5.6 $\mu$ F Electrolytic: C36, C40



10 $\mu$ F Electrolytic: C11, C21, C22, C32, C34, C39, C47, C48, C50, C55



10 $\mu$ F Non-Polarized Electrolytic: C51, C53, C54, C56, C57



1nF Film: C30



8.2nF Ceramic: C43, C44



10nF Ceramic: C4, C35

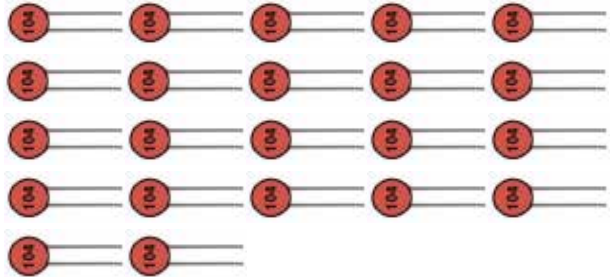


220nF Ceramic: C37, C42, C45



### CAPACITORS

0.1 $\mu$ F Ceramic: C7, C8, C12, C15, C16, C17, C18, C19, C20, C23, C24, C25, C26, C27, C28, C29, C31, C41, C49, C52, C58, C59



Total: 48

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

510 $\Omega$ : R127, R128, R152, R153



1k: R148, R166



1.8k: R46



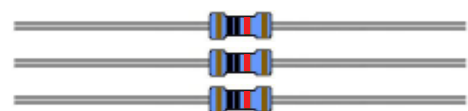
5.1k: R125, R145



5.6k: R172



10k: R111, R133, R176



15k: R114

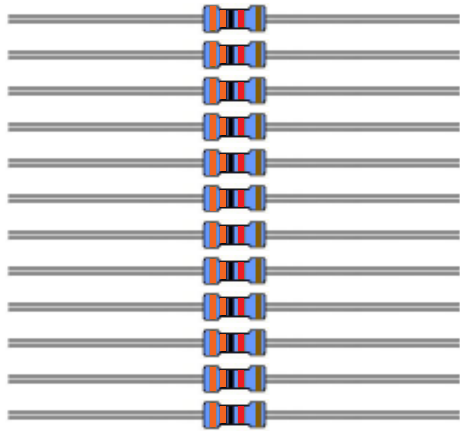


# Erica Synths Bassline Bill of Materials

## LOGIC BOARD

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

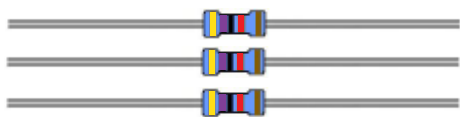
33k: R89, R92, R93, R95, R97, R98, R99, R115, R118, R131, R171, R173



39k: R142



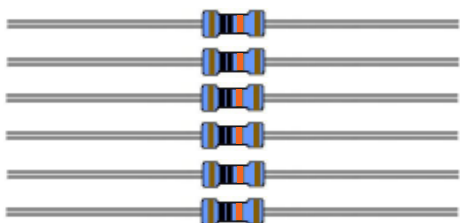
47k: R147, R149, R163



56k: R32



100k: R17, R18, R19, R94, R178, R180



110k: R158, R169



150k: R121, R122, R124, R138, R155

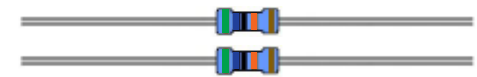


### RESISTORS (1/4 Watt, 1 %)- All Stand-Up

470k: R123



560k: R177, R179



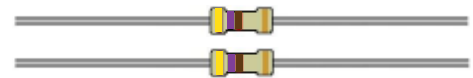
Total: 47

### RESISTORS (1/4 Watt, 5 %)- All Stand-Up

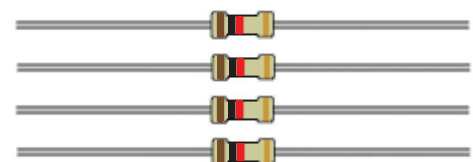
220Ω: R23



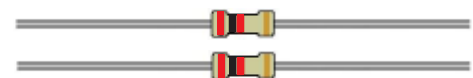
470Ω: R20, R54



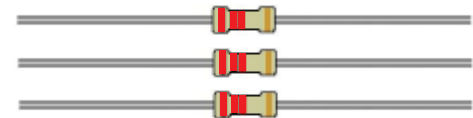
1k: R35, R103, R134, R146



2k: R100, R109



2.2k: R71, R78, R90



2.7k: R139



4.7k: R27



5.6k: R34



6.8k: R141



# Erica Synths Bassline Bill of Materials

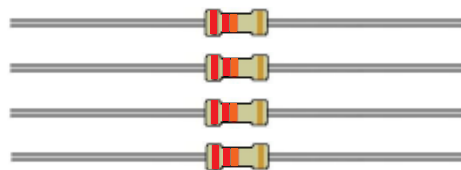
## LOGIC BOARD

### RESISTORS (1/4 Watt, 5%)- All Stand-Up

10k: R26, R29, R42, R44, R85, R96, R110, R126, R151



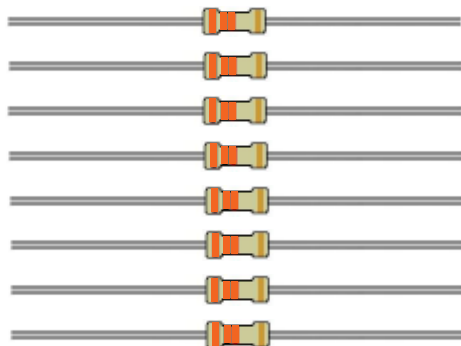
22k: R28, R65, R84, R102



24k: R33



33k: R66, R86, R87, R116, R137, R156, R174, R175



39k: R39



56k: R70

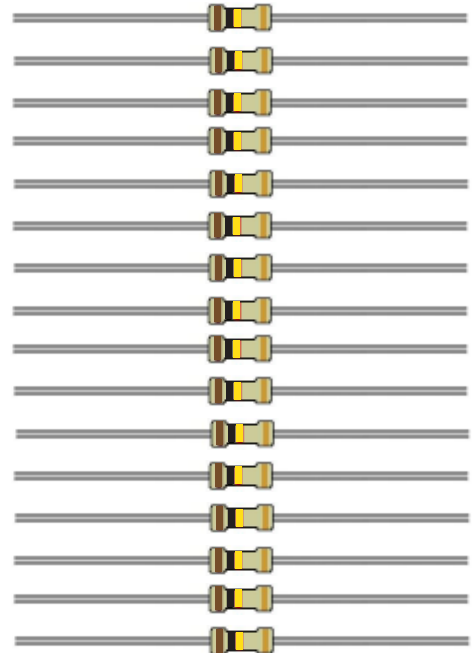


68k: R157

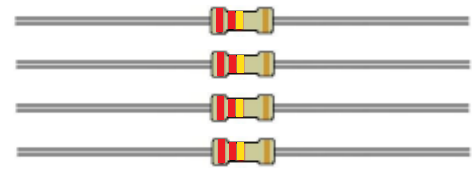


### RESISTORS (1/4 Watt, 5%)- All Stand-Up

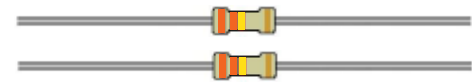
100k: R30, R31, R48, R57, R69, R73, R74, R76, R83, R88, R91, R101, R104, R113, R130, R132



220k: R120, R167, R168, R170



330k: R119, R143



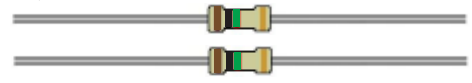
360k: R51



560k: R135



1M: R22, R36



1.5M: R55



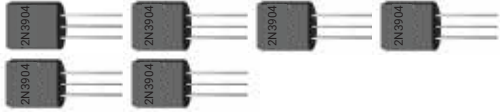
Total: 68

# Erica Synths Bassline Bill of Materials

## LOGIC BOARD

### TRANSISTORS/VOLTAGE REGULATORS

2N3904: VT1, VT3, VT4, VT7, VT8, VT12



2N3906: VT5, VT6, VT11



J175: VT9



LM337: DA12



Total: 11

### CONNECTORS

1x3 Pin Header & Jumper: JP1



1x10 Pin Header: XP4



1x20 Pin Header: XP2, XP3



Total: 5

### POTENTIOMETERS

1k Single Turn Trim Pot: R140



10k Single Turn Trim Pot: R24



Total: 2

## OTHER

### KNOBS

19mm Small Black Knob



24mm Medium Black Knob



Total: 9

### HARDWARE

2.5mm Screws



3mm Screws



11mm Standoff



Total: 8

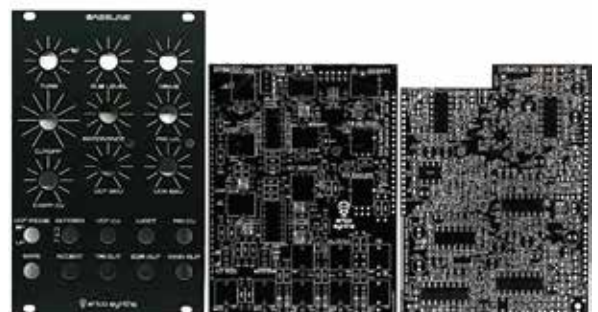
### POWER CABLES

10 to 16 Pin Power Cable



Total: 1

### PCB & PANEL



Total: 3