

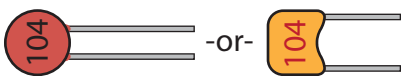

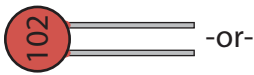





Make sure you have everything before you start soldering!

CAPACITORS

- 10 μ F Electrolytic** x3

 C1, C7, C8
- 100 μ F Electrolytic** x1

 C2
- 0.1 μ F Ceramic** x2
 -or- 
 C3, C6
- 1 nF Ceramic** x2
 -or- 
 C4, C5

DIODES

- 1N4148** x1

 D9

- 1M** x2

 R7, R20




CONNECTORS

- 3.5mm Jack** x26




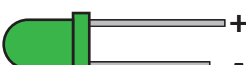
 J1-J26
- 10P Box Header** x1

 P3

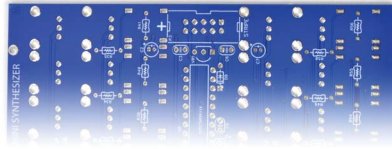
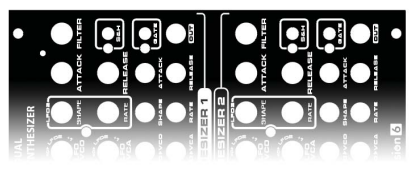
RESISTORS

- 510 Ω 1/8W** x2

 R27, R42
- 1k 1/8W** x26

 R28-30, 32-41, 43-45, 47-56
- 4.7k 1/8W** x2

 R31, R46


LEDs

- 3mm - Red** x2

 D1, D5
- 3mm - Yellow** x2

 D2, D6
- 3mm - Blue** x2

 D3, D7
- 3mm - True Green** x2

 D4, D8


PCBs / PANELS

- Main PCB** x1

 PCB1
- Front Panel** x1

 PCB2


SWITCHES / BUTTONS

- Tact Switch - 6mm** x4
 **13mm High**
 S1-S4

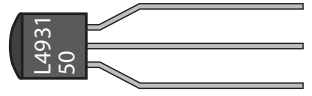
ICs

- PIC16F1718** x2

 U1, U2

POTENTIOMETERS

- 10k** x24

 R1-R6, R8-R19, R21-R26

VOLTAGE REGULATORS

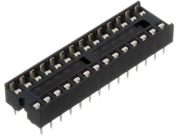
- L4931CZ50 (5V)** x1

 VR1

Continued...

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HARDWARE

28 Pin IC Socket x2



Hex Standoff x2



0-80 x 3/8"

Silver Screw x2



0-80 x 1/8"

Black Screw x2



0-80 x 1/8"

LED Spacer x8



3mm x 7mm Tall

ACCESSORIES

Euro Power Cable x1



Rack Screw Kit x1



Assembly instructions can be found at division-6.com/dualsynth