

Make sure you have everything before you start soldering!

CAPACITORS

1 nF Ceramic x1

C1

0.1µF Ceramic x1

C2

100µF Electrolytic x1

C3

10µF Electrolytic x2

C4-C5

3mm - True Green x1

D5

HARDWARE

LED Spacer x4

JACKS

3.5mm Switched x4

J1, J2, J3, J4

PCBs / PANELS

Synthesizer PCB x1

PCB1

RESISTORS

1K x4

R1, R3, R4, R5

4.7K x1

R2

510Ω x1

R7

POTENTIOMETERS

10K x13

R8 - R20

1M x1

R21

BUTTONS / SWITCHES

Tact Switch - 6mm x2

S1-S2

ICs

PIC16F1718 x1

U1

VOLTAGE REGULATORS

L4931CZ50 (5V) x1

VR1

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

LEDS

3mm - Blue x1

D2

3mm - Red x1

D3

3mm - Yellow x1

D4

Continued...