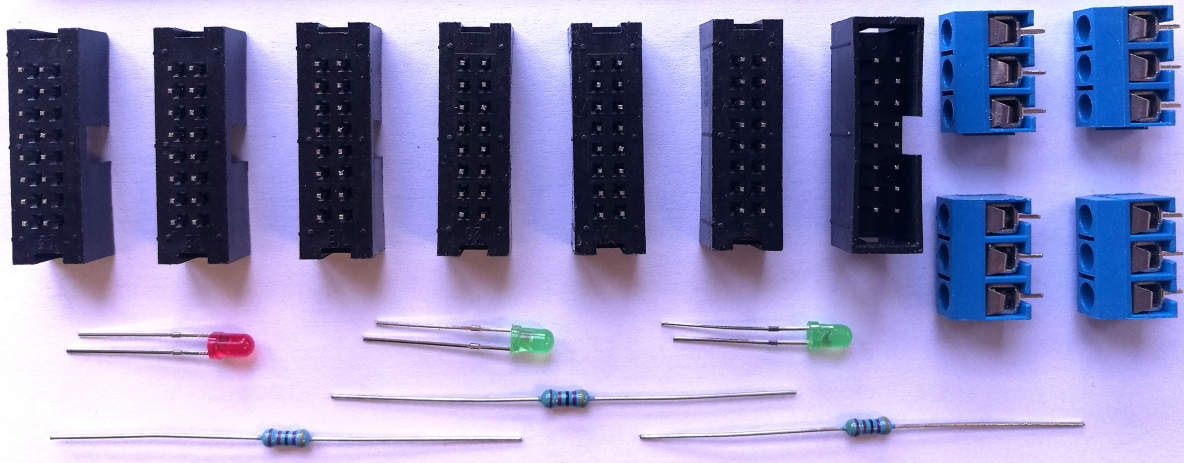
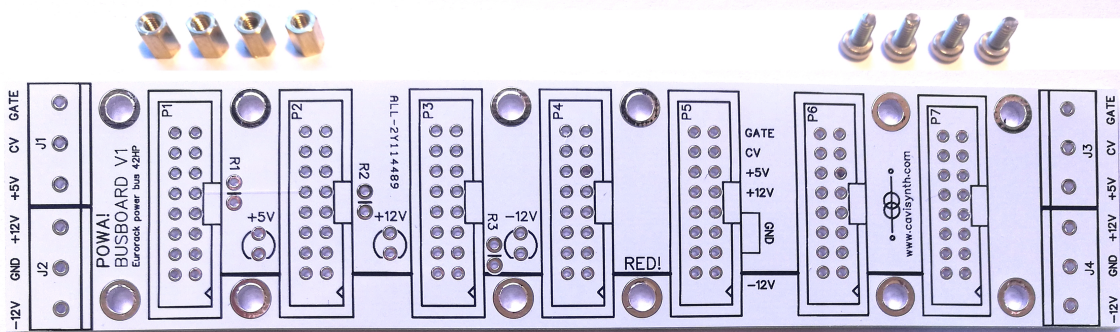


CAVISYNTH

**POWA ! BUSBOARD KIT**

[REV001]



**- INSTRUCTIONS ASSEMBLY -**

**First, make sure you have in your possession all the necessary parts and components.**

**BOM (components list) :**

- 1 x POWA ! BUSBOARD PCB
- 7 x Plug 02x08 IDC (P1 to P7)
- 4 x 3-point terminal block (J1 to J4)
- 2 x green LED 3mm (+5V & +12V)
- 1 x red LED 3mm (-12V)
- 2 x 4.7k 1/4w resistor (R2 & R3)
- 1 x R470 1/4w resistor (R1)
- 4 x spacer M3x6mm
- 4 x screw M3x6mm

**You will also need:**

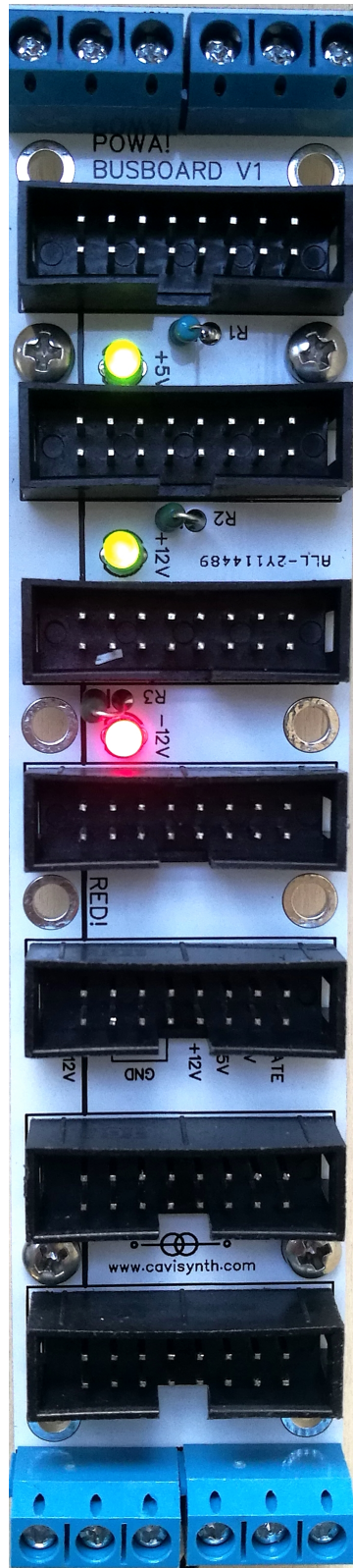
- A soldering
- iron Welding wire
- A fine forceps
- The side cutter
- Stripper's son
- A dry and clear work plan
- Between 20 and 40 minutes for construction

**This achievement is extreeeeeeemely simple and fast.**

We will not detail here the step-by-step editing, for this it is enough to bserver the picture of the assembly finished but we will just focus on the sense of ontage of some components.

Note : If you do not need it, you do not have to mount the LEDs and resistors, they are not necessary for the proper functioning of your power supply bus.

Here is exactly what you will need to get in a few minutes



**Follow preferably it's welding order :**

LEDs ,resistors, DIPs 02x08 sockets, termial blocks

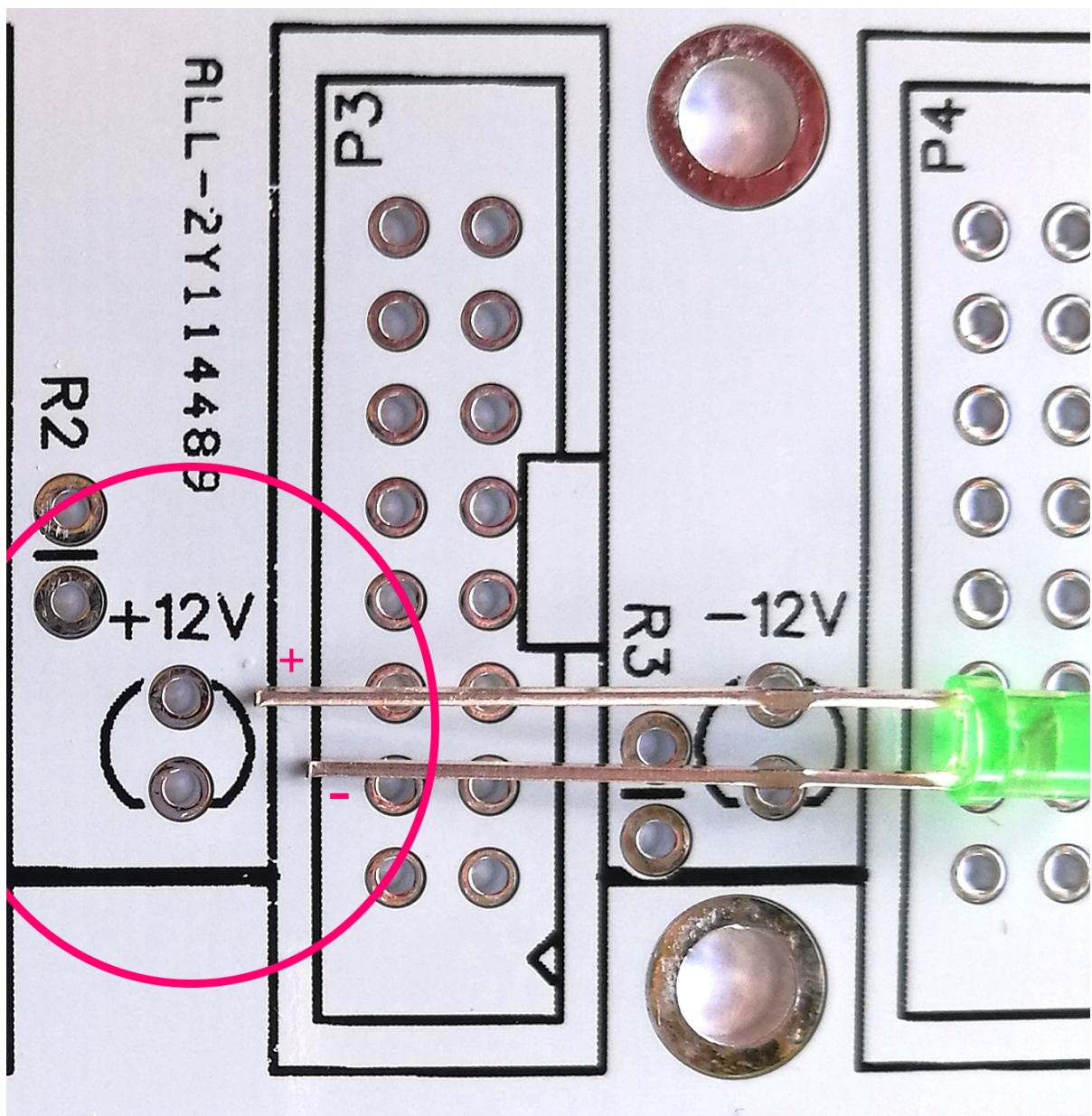
**Just be attentive to 3 specific points :**

**1. The polarity of the 3 LEDs**

Solder the three LEDs as shown in the picture below.

Red LED is for -12V.

Green LEDs are respectly for the +5V and +12V



## 2 . Resistors values

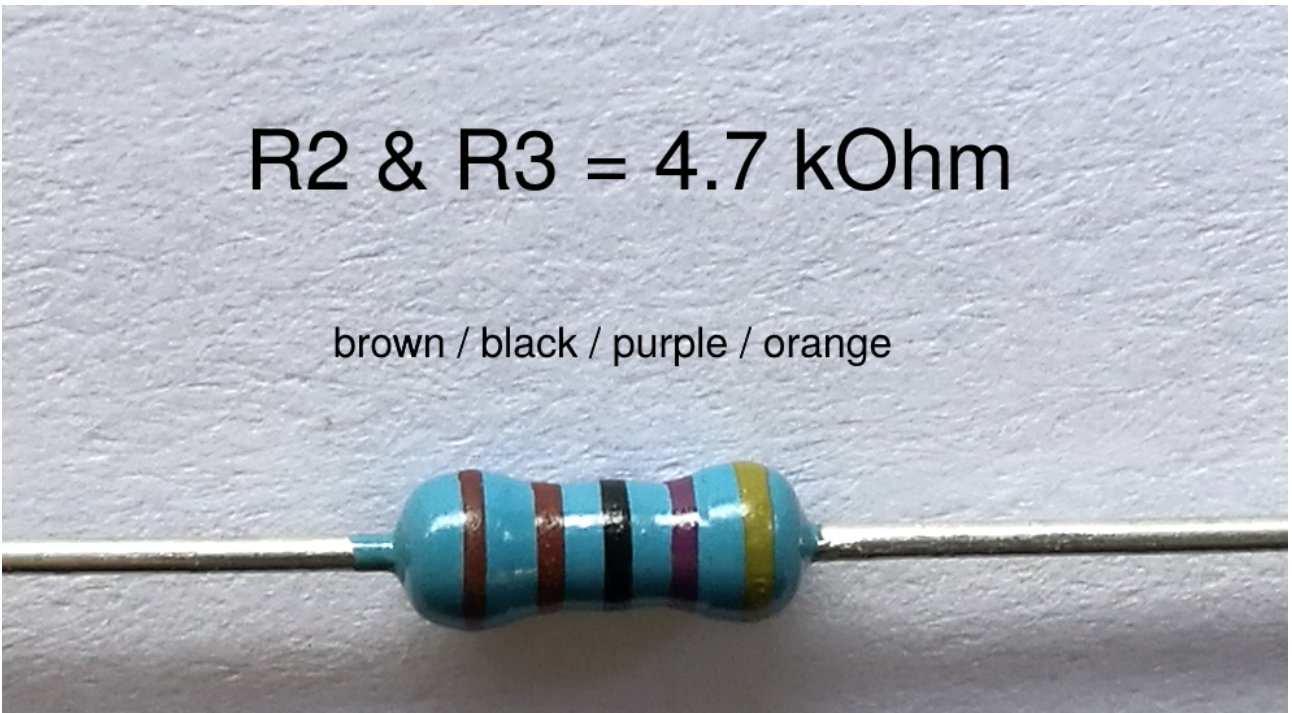
R1 = 470 Ohm

black / black / purple / yellow



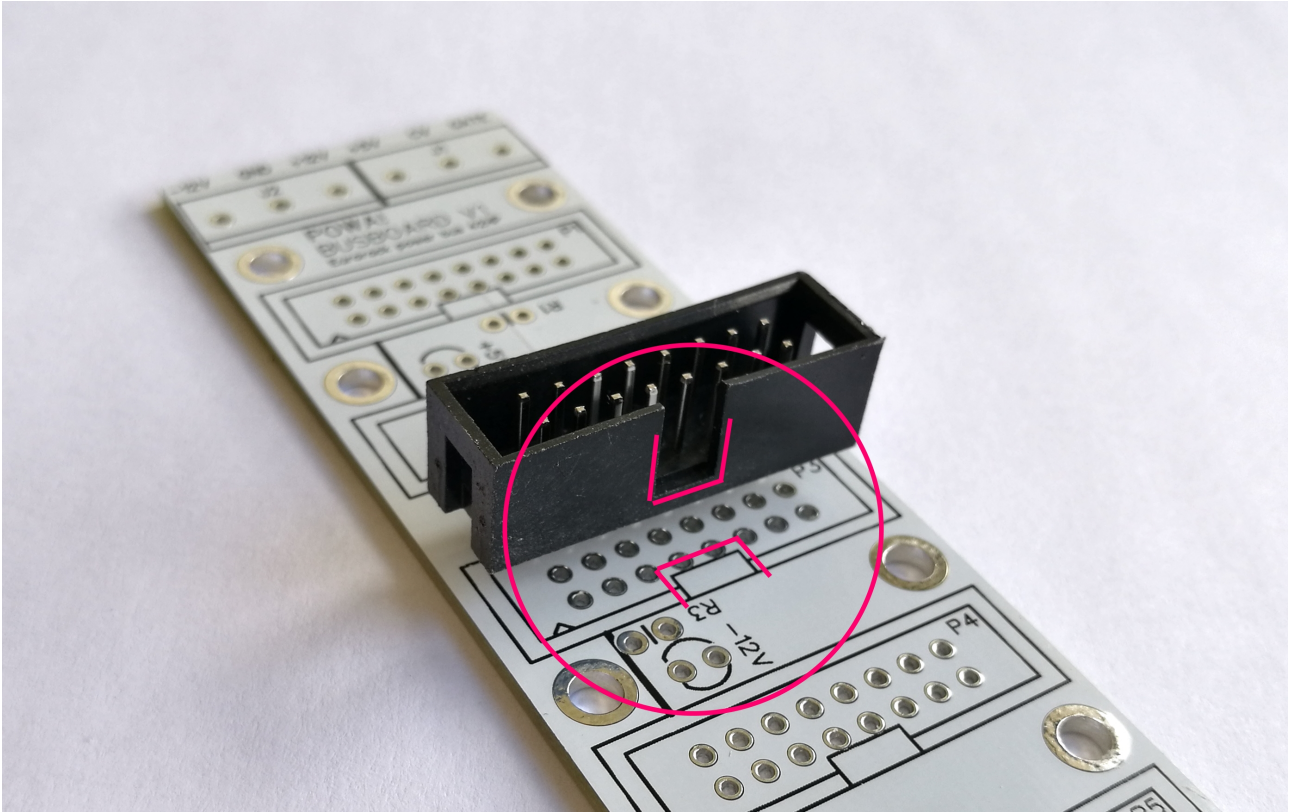
R2 & R3 = 4.7 kOhm

brown / black / purple / orange



### 3. The orientation of the the 7 DIP socket 02x08

**Please take care** about this orientation. It is very important because it determines the direction of the connection of the module power supply cable.



**That's it that's all!**

To you to determine according to your case where you will fix the 4 spacers,

Thank you very much for purchasing this kit. I sincerely hope that it will give you complete satisfaction and wish you a lot of pleasure with Cavisynth products.

Stéphane