Building the GM5x5x5

Introduction

The GM5x5x5 is a midi interface for your computer. bla bla bla

Building Level

Noob guides have an difficulty indication from 1 to 5 where 1 is easy and 5 is hard to build. If you have never started a project before we urge you to start with a level 1 project first.

We indicate this project as Building level 3

Tools Needed

To start building your GM 5x5x5 board you will need some tools. Offcourse you could be creative and use whatever you like but this document is trying to be failsafe.

- Soldering Iron
- Soldering Flux
- Wire Cutter
- Beer
- etc put in pictures and so

Component List

The list is build up from components that should be solderd on the board in this order. However exeptions can be made. See building chapter for changes.

Diodes

Resistors

Sockets

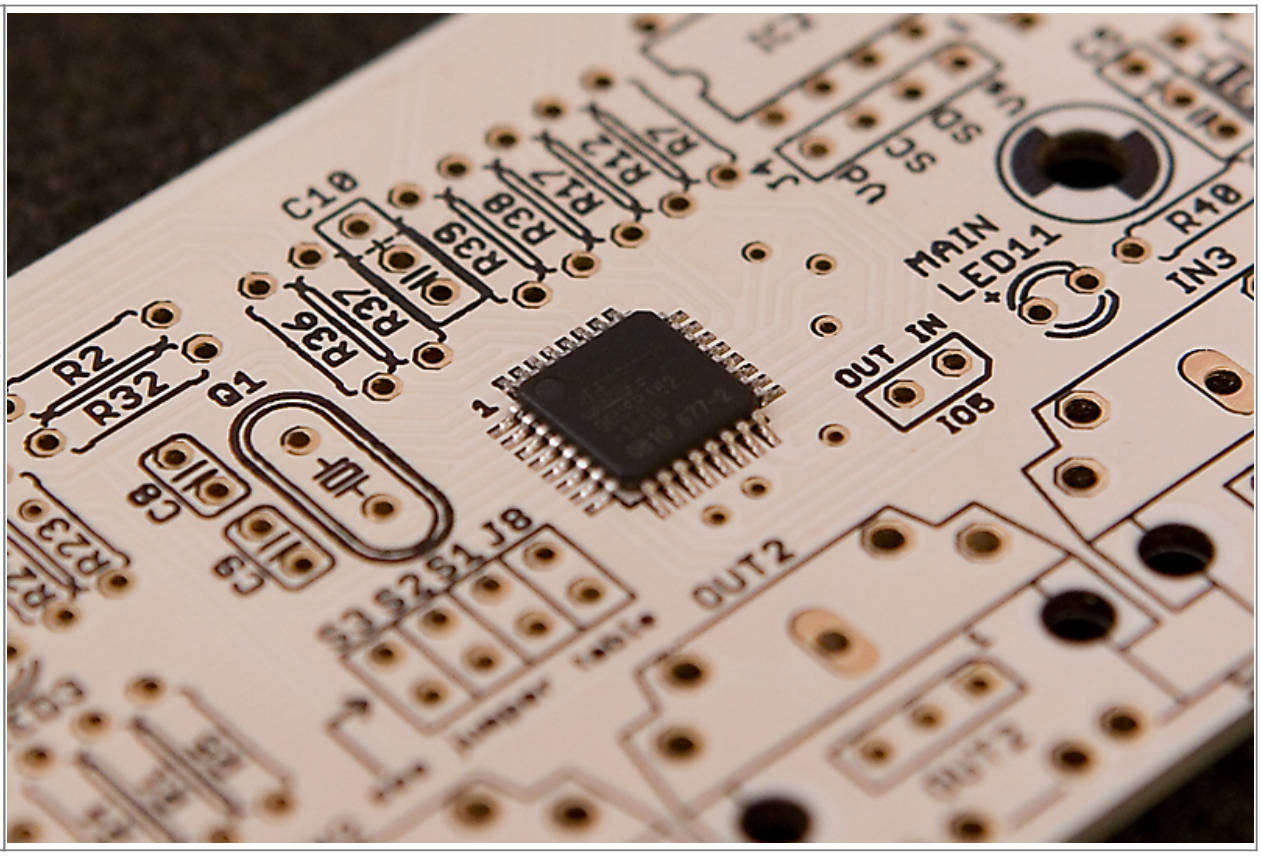
Capacitors

Other

Building

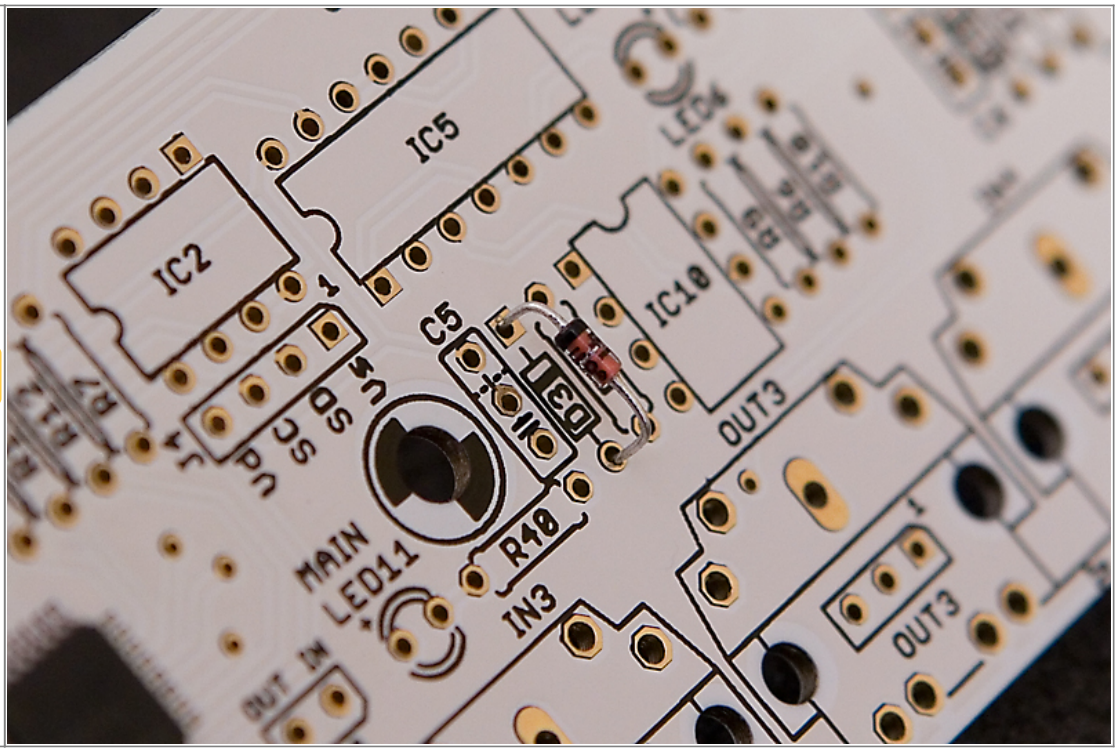
The Chip

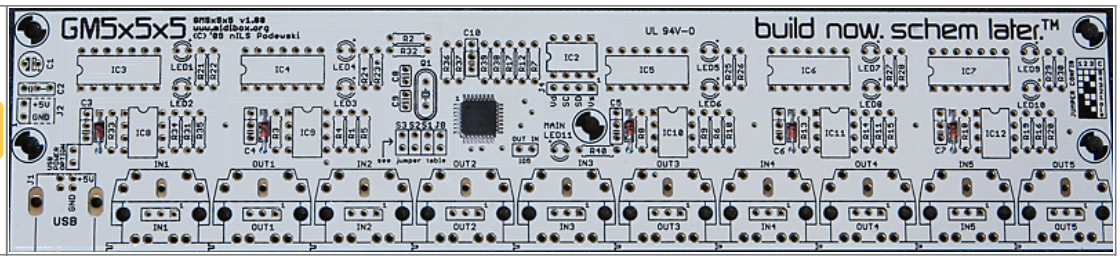
This is the most difficult part of the whole project. If you manage to pull it off the rest of the project will be a breeze. Go to Link for a vid tutoriol on how to solder this....



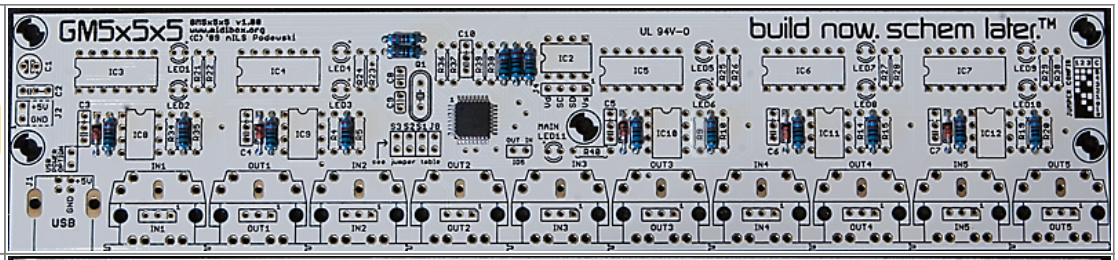
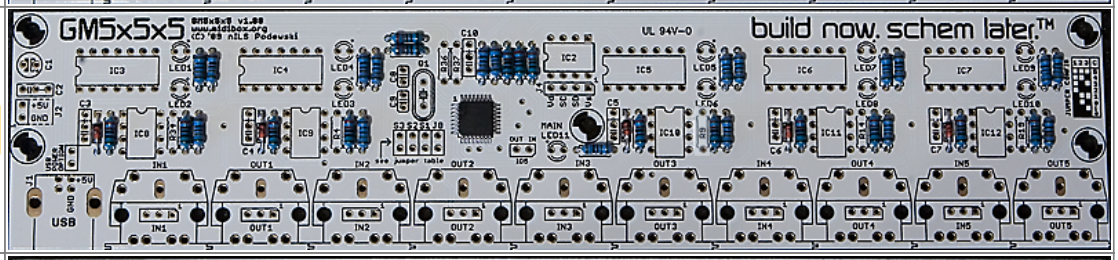
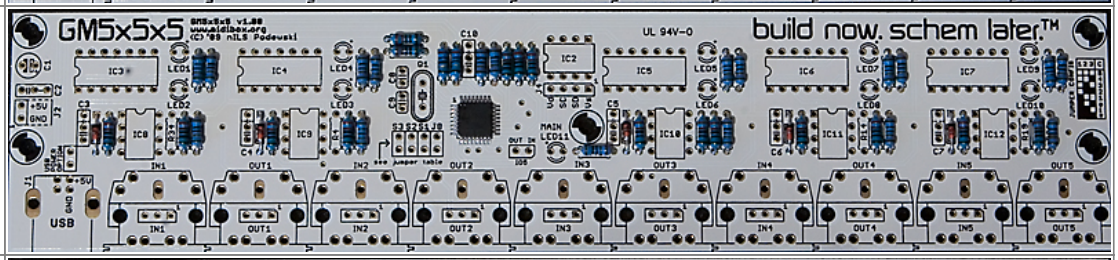
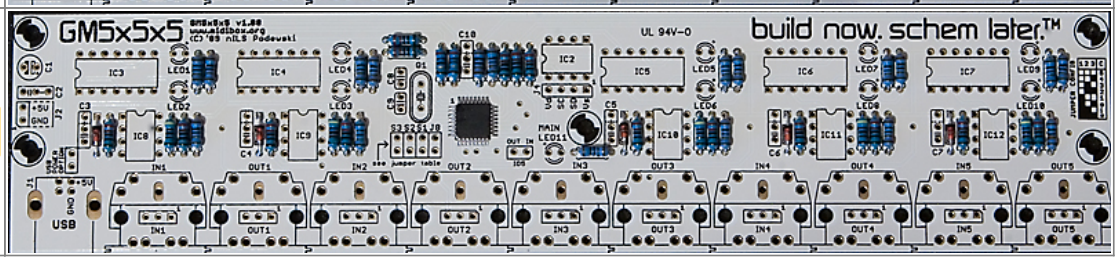
Diodes

Fix Me!

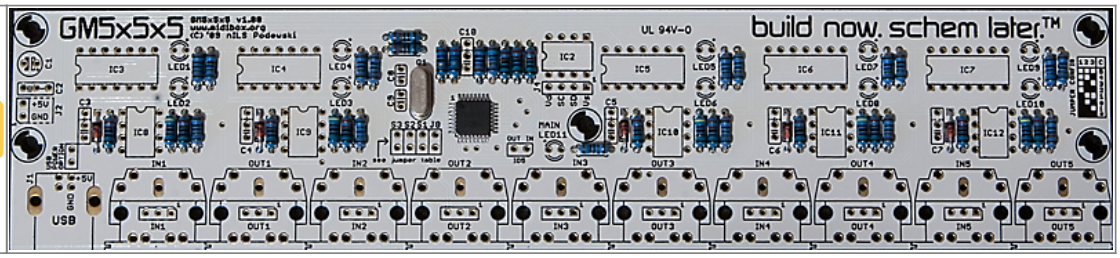


Fix Me!	

Resistors

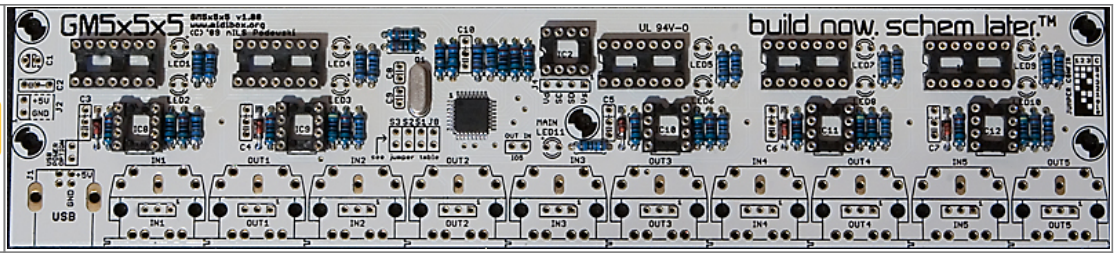
Fix Me!	
Fix Me!	
I have accidently soldered a resistor in R9. There should't be a resistor in it yet	
Fix Me!	

Crystal

Fix Me!	

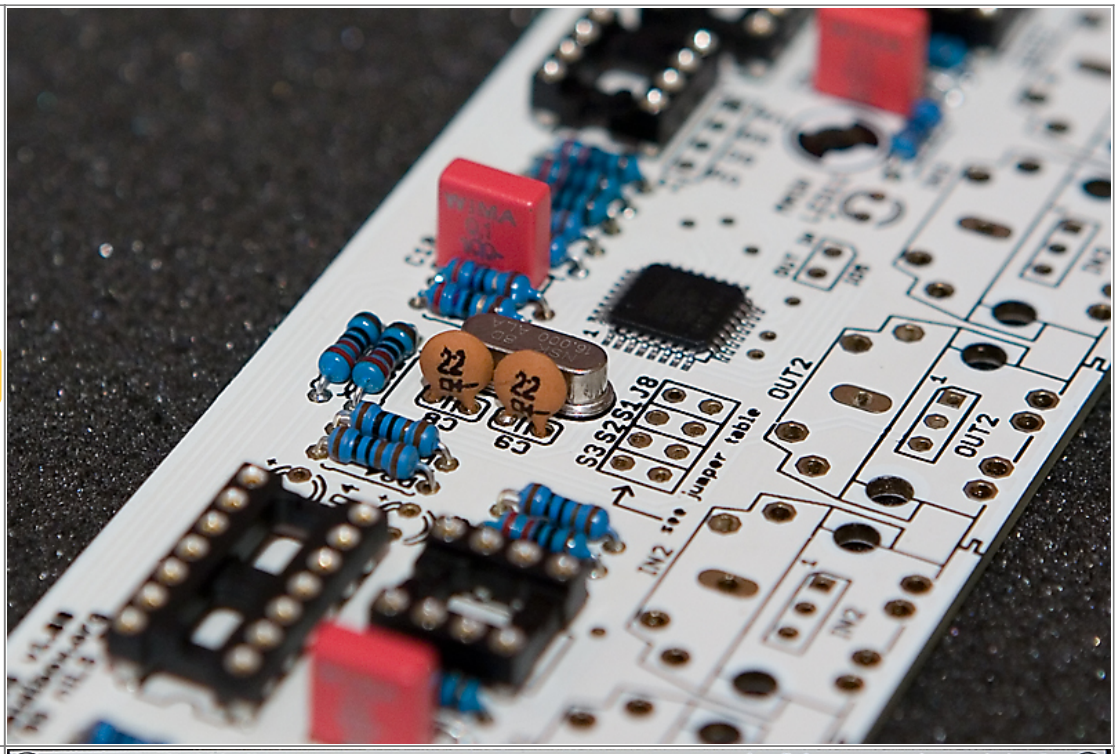
IC Sockets

Fix Me!

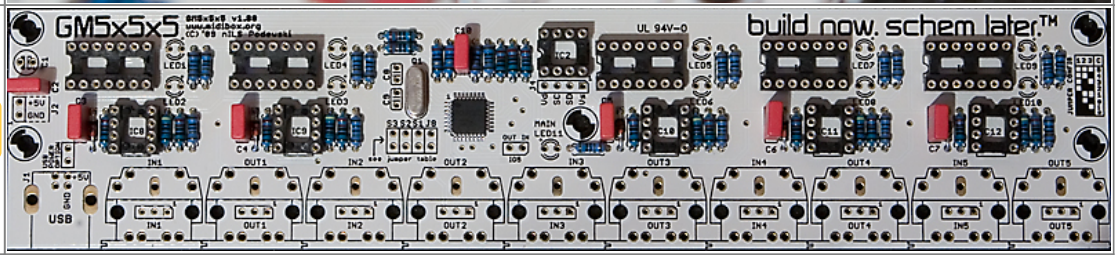


Capacitors

Fix Me!

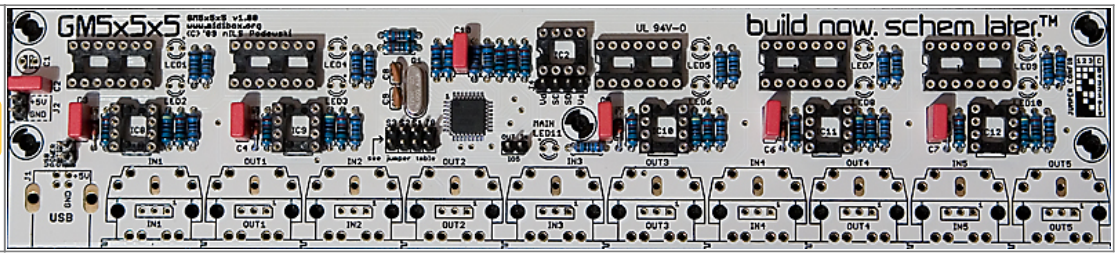


Fix Me!

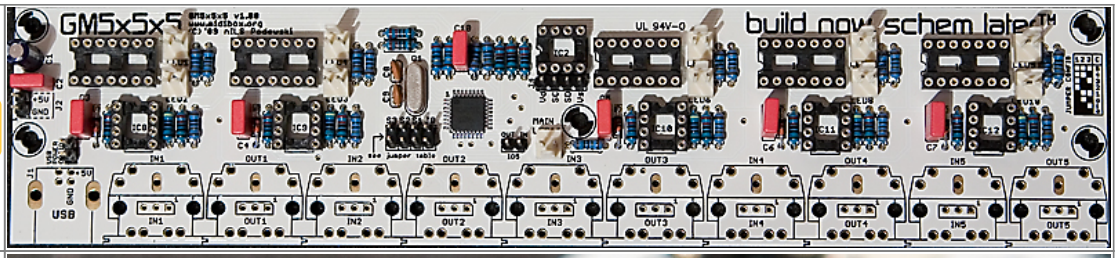
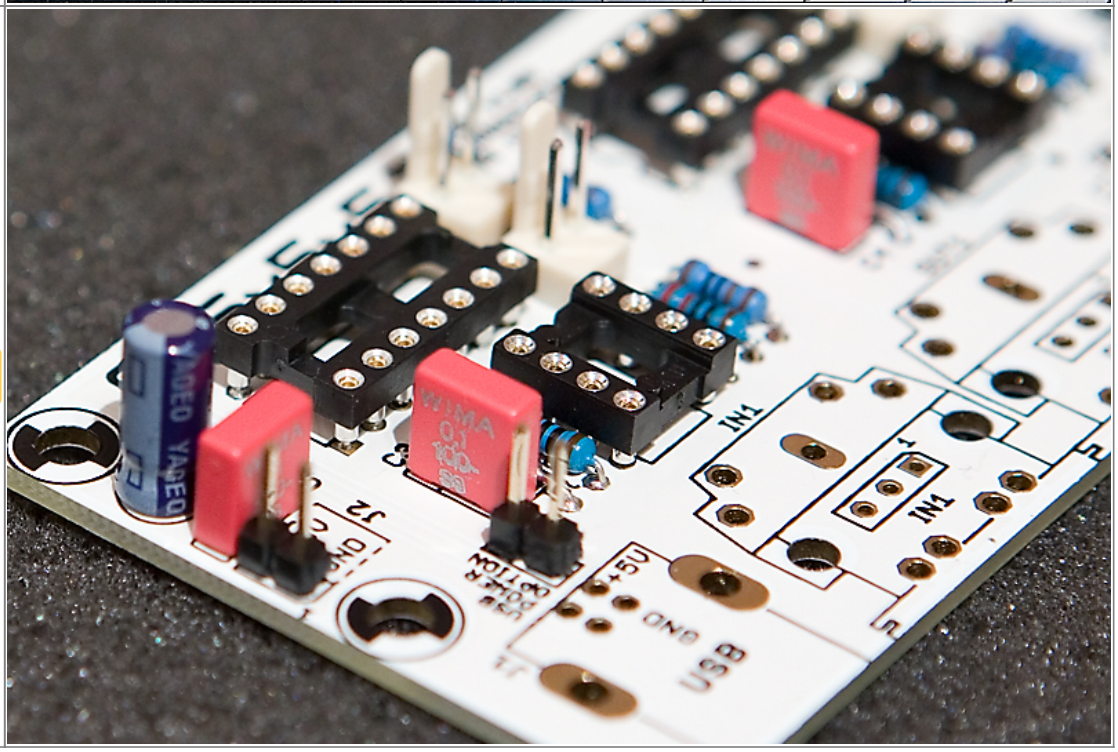


Pin Headers

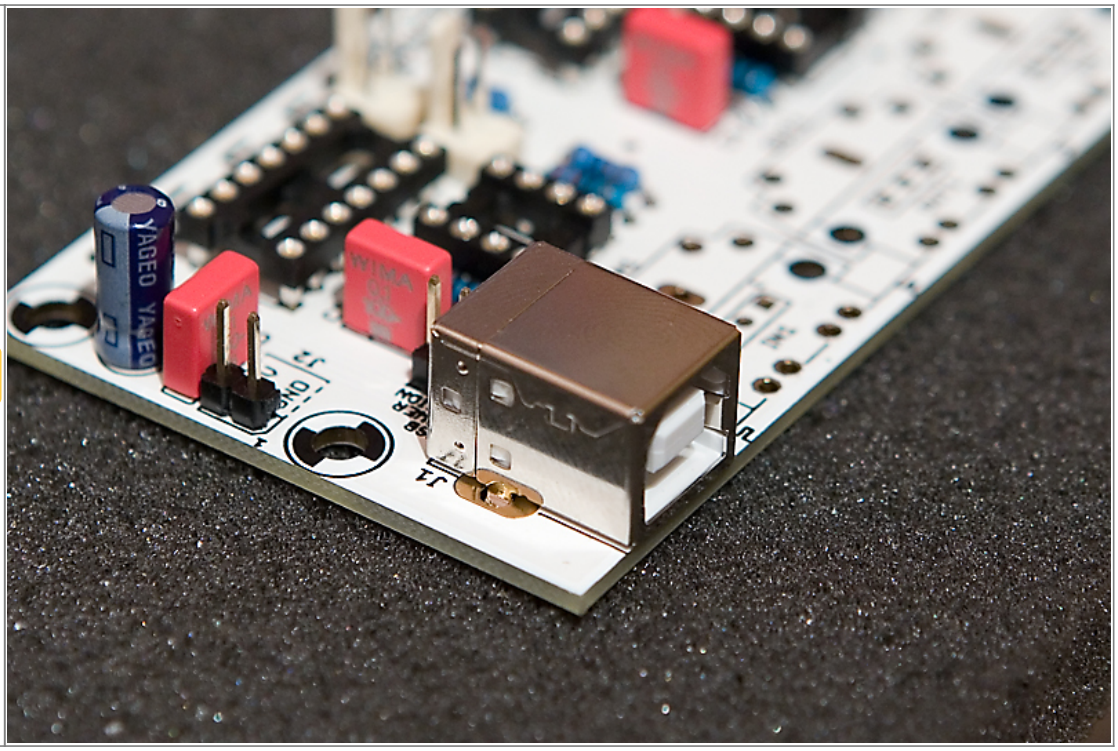
Fix Me!



Electrolytic Capacitor

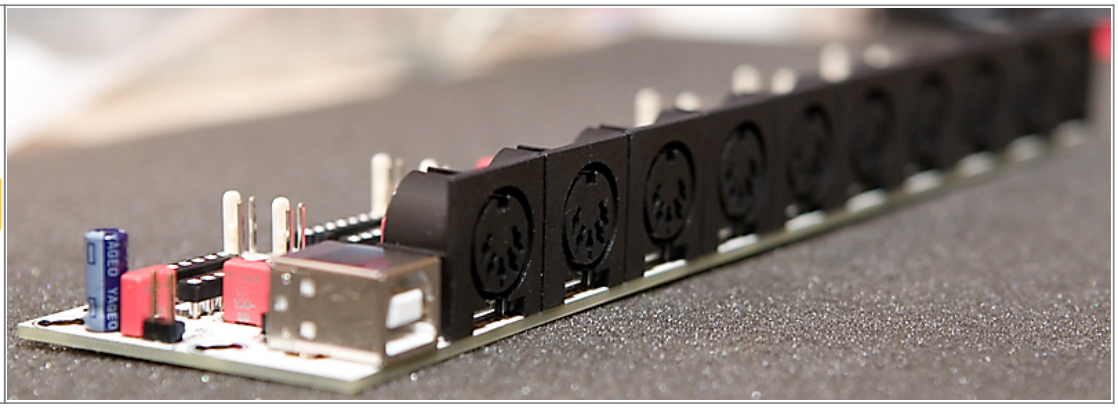
Fix Me!	
Fix Me!	

USB Socket

Fix Me!	

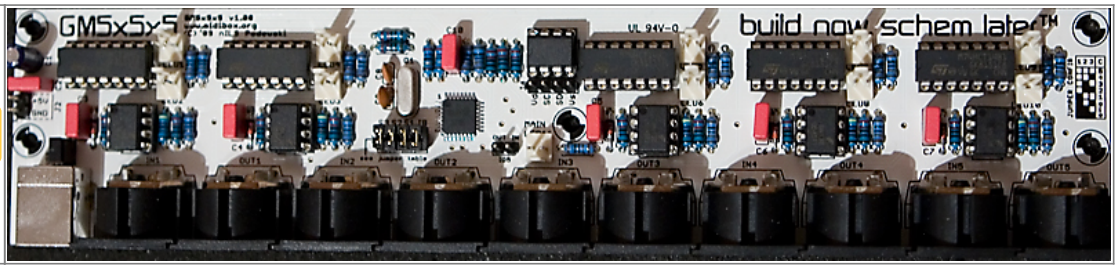
DIN Sockets

Fix Me!



Placing IC's

Fix Me!



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