

## LINK LIST

This list is intended to help you get started with SDIY.

### Installation files:

<https://github.com/dashezzl/Sound-Solder> (14/01/2021)

You will find all necessary files to recreate this installation.

### Local:

**Lötstitut der Synthologie** (Vienna)

<https://www.facebook.com/loetstitut/> (14/01/2021)

A space providing monthly modular synth workshops.

**Mz\* Baltazar's Lab** (Vienna)

<https://www.mzbaltazarlaboratory.org> (14/01/2021)

Collective and feminist hackerspace.

**Sounds Queer?** (Vienna)

<https://www.soundsqueer.org> (14/01/2021)

Collective working on the intersection of electronic music, sound art and queer activism.

### Books:

Collins, Nicolas (2006): **Handmade electronic music**, New York, NY: Routledge

Introduction into electronic music and haptic sound projects.

Wilson, Ray (2013): **Make: Analog Synthesizers**, Sebastopol, CA: Maker Media  
Perfect introduction into SDIY, basic knowledge and projects.

### SDIY in video

**HAINBACH**

<https://www.youtube.com/user/Hainbach101> (14/01/2021)

experimental musician, working with test equipment to create sounds.

**Juanito Moore**

<https://www.youtube.com/user/ozेरik> (14/01/2021)

Synthesizer builds without a circuit board, many simple circuits.

**Look Mum No Computer**

<https://www.youtube.com/channel/UCafxR2HWJRmMfSdyZXvZMTw>  
(14/01/2021)

Super simple to complex synthesiser projects and experiment.

## **Modular in a week**

[https://youtu.be/5DKUlm5\\_b\\_8](https://youtu.be/5DKUlm5_b_8) (14/01/2021)

Different synthesiser parts, from explaining via research to building.

## **Synth DIY Guy**

<https://www.youtube.com/channel/UCaTca38SJErVLsfYkrg2R9w> (14/01/2021)

Simple SDIY projects and building guides with reviews on SDIY kits.

## Facebook Groups

### **Eurorack DIY**

<https://www.facebook.com/groups/436675570022014> (14/01/2021)

SDIY group with a focus on the Eurorack format.

### **Pusherman's Eurorack DIY Noobs**

<https://www.facebook.com/groups/1716364098644678> (14/01/2021)

Created as a helping group for builds connected with open source PCBs from Pusherman.

### **Synth DIY**

<https://www.facebook.com/groups/synthdiy> (14/01/2021)

Largest SDIY group on facebook, frequented by professionals and beginners.

### **Synth DIY for non-engineers**

<https://www.facebook.com/groups/549267875688193> (14/01/2021)

Beginner friendly group for basic questions, knowledge exchange and a source for projects.

## General website ressources

### **Eddy Bergmann**

<https://www.eddybergman.com> (14/01/2021)

Stripboard Synthesizer Modules.

### **Émilie Gillet**

<https://github.com/pichenettes> (14/01/2021)

One of the most appreciated people, providing modules in the scene.

Everything is open source.

### **electro-music**

<https://electro-music.com> (14/01/2021)

Forum with several SDIY projects.

### **Kassutronics**

<https://kassu2000.blogspot.com> (14/01/2021)

SDIY Moduls with description and explanations and a source for additional projects.

## **MFOS**

<http://musicfromouterspace.com> (14/01/2021)

One of the most classic SDIY resource pages.

## **Unusual Synthesizer Circuits**

[http://www5b.biglobe.ne.jp/~houshu/synth/?fbclid=IwAR1JXY6aNmA2ldISjuTXC6q6Qdtc\\_NSH5BObRLI\\_N0VToutZod0pJ0heLH4](http://www5b.biglobe.ne.jp/~houshu/synth/?fbclid=IwAR1JXY6aNmA2ldISjuTXC6q6Qdtc_NSH5BObRLI_N0VToutZod0pJ0heLH4) (14/01/2021)

Another mastermind with plenty of projects.

## **YuSynth**

[http://yusynth.net/Modular/index\\_en.html](http://yusynth.net/Modular/index_en.html) (14/01/2021)

Yet another mastermind from France with 5u modules.

## **Shops for PCBs, kits and components**

### **3u Shop (DE)**

<https://www.3u-shop.de/> (14/01/2021)

### **Befaco (ES)**

<https://shop.befaco.org/en/> (14/01/2021)

### **Banzaimusic (DE)**

<https://www.banzaimusic.com/Electronics-c-1664/> (14/01/2021)

### **Conrad (AT)**

<https://www.conrad.at> (14/01/2021)

Local electronic stores, usually higher prices than online alternatives.

### **Exploding Shed (DE)**

<https://www.exploding-shed.com/> (14/01/2021)

### **Mouser**

<https://www.mouser.at> (14/01/2021)

Seller of complex component; almost anything can be found here.

### **Munichen Audio (DE)**

<https://www.munichen-audio.de/> (14/01/2021)

### **Musikding (DE)**

<https://www.musikding.de/> (14/01/2021)

### **Octoparts**

<https://octopart.com> (14/01/2021)

Searching and comparing components from various online sellers.

### **Pusherman (UK)**

<https://pushermanproductions.com> (14/01/2021)

Initially with a focus on PCBs, by now also selling kits and components.

### **Raw Voltage (AT)**

<https://www.rawvoltage.wien> (14/01/2021)

Local modular synthesiser store including selling DIY kits.

### **Reichelt (DE)**

<https://www.reichelt.at> (14/01/2021)

Component reseller with an easy search form.

### **Tayda (TH)**

<https://www.taydaelectronics.com> (14/01/2021)

Cheap alternative for components.

### **Thonk (UK)**

<https://www.thonk.co.uk> (14/01/2021)

Most frequently used SDIY online shop in Europe for PCBs, kits and components.

### Projects recommended for beginner

#### **Analog Bass Drum workshop**

<https://helsinkisoundelectronics.files.wordpress.com/2015/11/analog-bass-drum-workshop-updated.pdf> (14/01/2021)

#### **Midi Sprout/Plant Wave**

<https://github.com/electricityforprogress> (14/01/2021)

#### **Passive Low Pass Gate**

<https://www.youtube.com/watch?v=8BOnvSQpoGY> (14/01/2021)

#### **Super simple oscillator**

<https://www.lookmumnocomputer.com/simplest-oscillator> (14/01/2021)

### Drawing Circuits, Simulating

#### **Eagle**

<https://www.autodesk.com/products/eagle/free-download> (14/01/2021)

Schematic & circuit board drawing software, a limited version is for free.

#### **Easyeda**

<https://easyeda.com> (14/01/2021)

Online program to draw circuits and PCBs, beginner friendly.

#### **Falstad**

<http://falstad.com/circuit/> (14/01/2021)

Online tool for simulating electronic circuits with lots of examples

#### **KiCad**

<https://kicad.org> (14/01/2021)

Open Source software schematic & circuit board drawing.

## **LTSpice**

<https://www.analog.com/en/design-center/design-tools-and-calculators/ltspice-simulator.html> (14/01/2021)

Open source software to simulate and measure circuits.

## **Arduino**

<https://www.arduino.cc/reference/en/> (14/01/2021)

## **Arduino App for bluetooth**

<https://sites.google.com/stonybrook.edu/arduinoble/home>