

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.mzbaltazarslaboratory.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/ozerik> (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/5DKU1m5_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_NOVToutZod0pJ0heLH4 (14/01/2021)

Another mastermind with plenty of projects.

YuSynth

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 programm 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>