

# MIDI Guy by Kinoshita Laboratory

MIDI Guy is a sound module with SAM2695, a single chip General MIDI(GM) synthesizer. It can generate GM's 127 sound programs such as "Acoustic Grand Piano", "Trumpet", etc.

You can also use effects and EQs. Please refer to the SAM2695's datasheet for details.

[https://www.dream.fr/pdf/Serie2000/SAM\\_Datasheets/SAM2695.pdf](https://www.dream.fr/pdf/Serie2000/SAM_Datasheets/SAM2695.pdf)

## Kit contents:

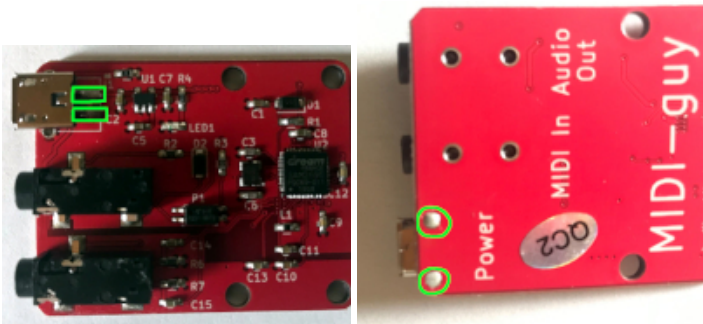
- Pre-assembled circuit board
- micro USB type power connector

## What you will need:

- micro USB cable
- Power source for USB, such as power adapter or PC
- DIN->TRS conversion cable(for MIDI Input)
- MIDI cable

## How to assemble:

Solder the included USB power connector to the place shown below(4 points).



## Usage:

- Power: Connect the power source from USB
- MIDI In: Connect a MIDI message source(e.g. MIDI Keyboard, MIDI Interface connected to a PC)
- Audio Out: Outputs stereo sound, you can connect headphones directly.

## Schematics, design data, questions:

<https://github.com/kinoshita-lab/MIDI-guy>