

ittybittymidi.com

open-source

all schematics and board
file are open-source at
ittybittymidi.com/source.

help

send any questions /
feedback to
zack@infinitedigits.co
or find me on insta
[@infinitedigits](https://www.instagram.com/infinitedigits).

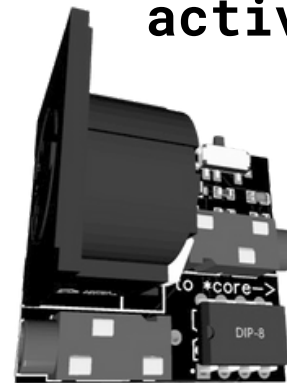
passive



video guide

go to
ittybittymidi.com/tutorial
or scan this:

active



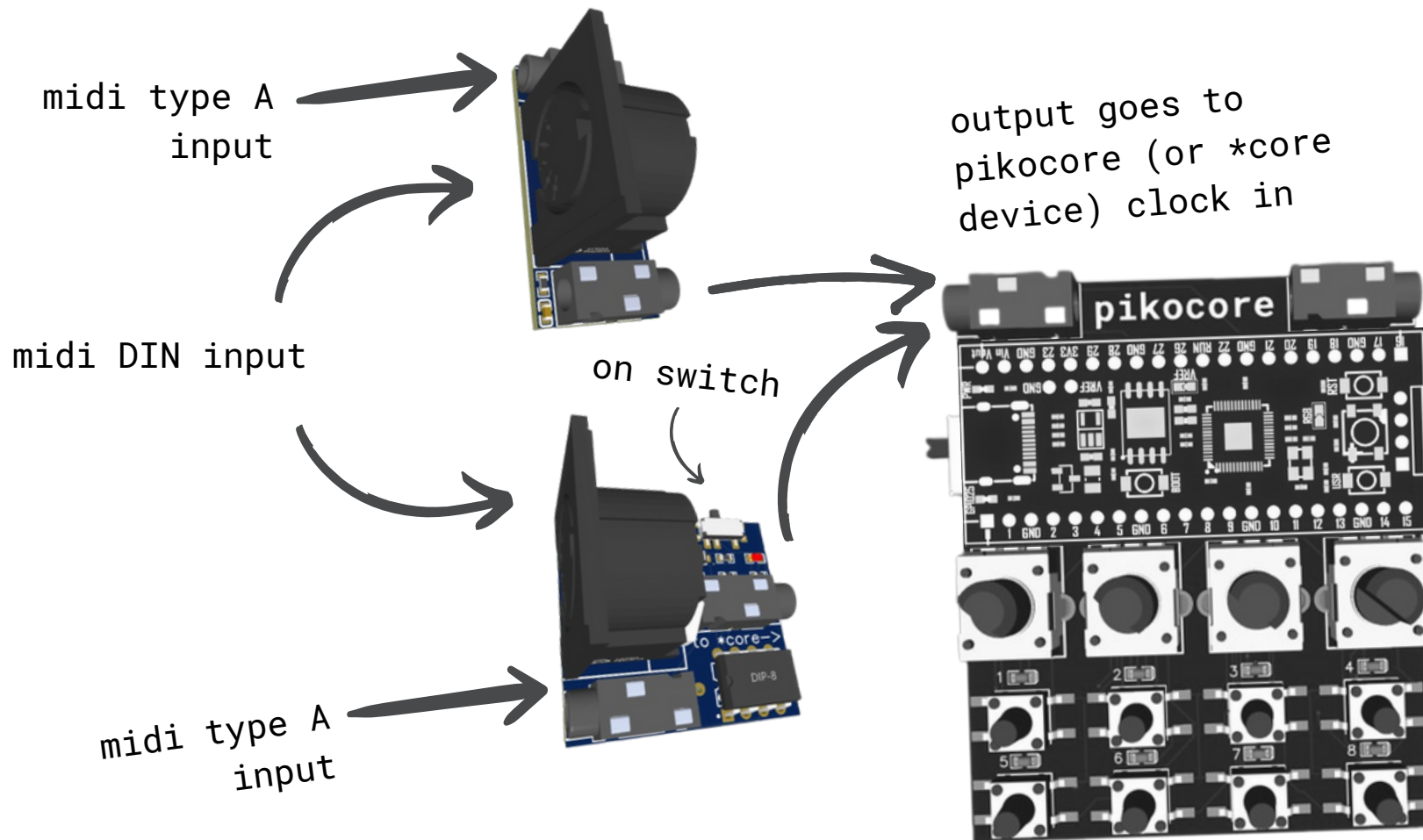
passive & active

both passive and active are utilized the same exact way. the difference between them is that the active uses a battery and separates the ground between the destination and source. this can be useful to eliminate ground loops if they are of concern. note: *if using the active version, don't forget to turn it on first!*

pikocore & *core instructions

for **pikocore**: make sure to update your firmware from **pikocore.com** with the option "MIDI" enabled.

for other ***core** devices: make sure to activate midi using button combo.



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diy kit

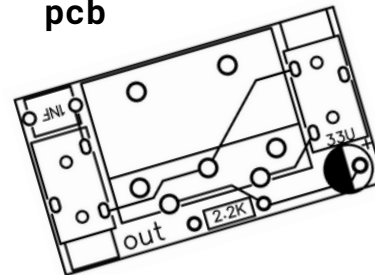
soldering is easy!

usage guide



inventory

pcb



midi din



capacitor



1nf

polarized capacitor



3.5mm jack



x 2

resistor

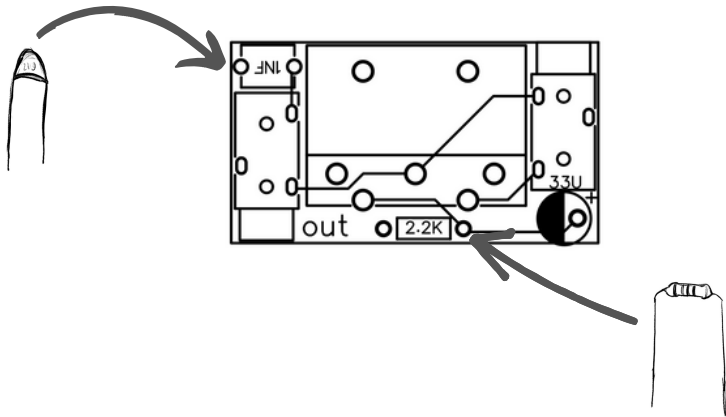


2.2k

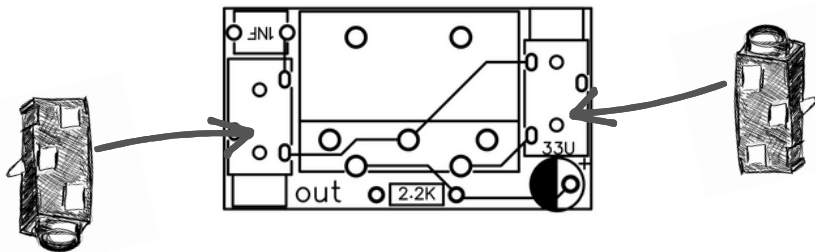
soldering guide

there are multiple ways to solder. feel free to find your own, or use this guide to get you through the process. in general, solder the smallest things first.

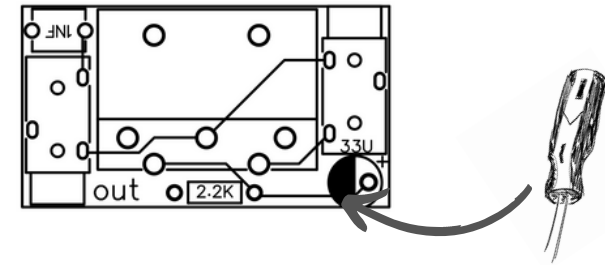
1) solder the 1nf capacitor and resistor.



2) solder the two 3.5mm stereo cable jacks. press them down firmly to get them attached well. the "out" jack is for going to pikocore/zeptocore. the "in" jack is for trs-a midi.



3) solder the polarized capacitor, making sure to align the white stripe on the capacitor (the "-" part) with the shaded part on the PCB. the polarized capacitor side *without* the white stripe should be aligned with the "+" on the PCB.



4) finally, solder the midi din connector in the middle. that's it!

