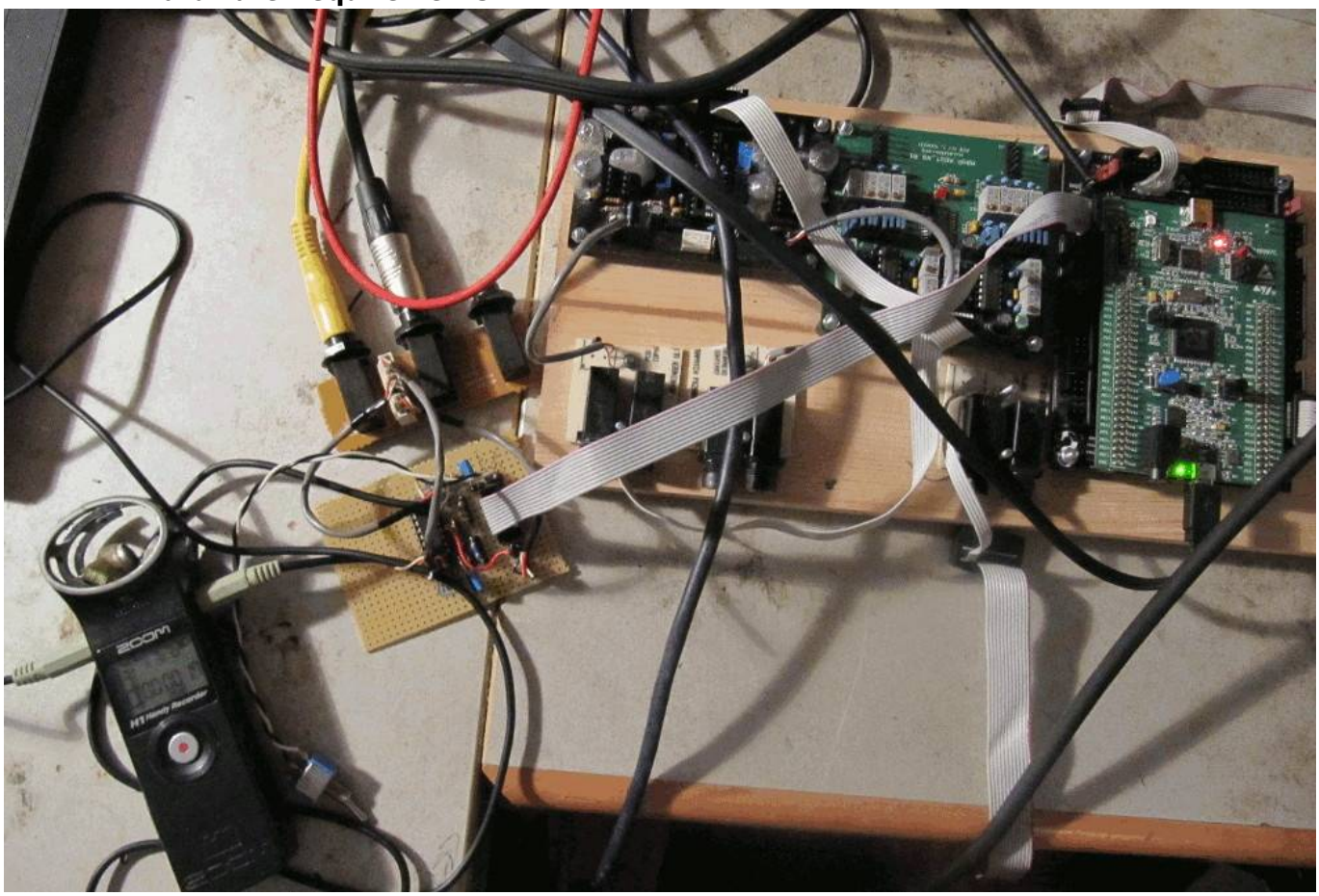
Konga Trigga

Konga > Mic > Preamp > Schmitt Trigger > uController + KeyboardNotes Input = Drum Triggerd Notes

Introduction

Features

- **convert Microphone - Pulses to Midi-Drum/Melody-Retrigger**
====== Hardware Requirements ======



Midibox:
* **core32**
* **1xMidi IO**
* **Soldering Iron, Wires, PCB….**
* **USB Power Supply** Schmitt-Trigger:
* **TS-274 OP-Amp**
* **14 Pin - DIP-Socket**
* **Pin-Header 2x5Pins (to connect the PCB to Core J5A)(you will also need a cable 4 that)**
* **Resistor R1 22K**
* **Resistor R2 4K7**
* **Resistor RFB 100K**
* **Resistor for Output-Gain-Reduction 100K**

*** 2x Electrolyt Capacitor 0,67uF (to decouple audio in and out)**
*** Electrolyt Capacitor 10uF for Supply**
*** Capacitor 100nF to denoise the OP-Amps-Rails...**
*** 2 Audio Cables+Sockets for the connection to the Recorder (6,3 mono jacks) ======**

Firmware ===== V0.2018clk2a2clk.zip Fix Me! **write code ====== How I Use It - built in Rack ====== ===== Resources ===== Schmitt-Trigger-Calculator ====== Community users working on it ====== *** Phatline** = Programming, Documentation...

Just let a Private message on the forum to user already involved

From:
https://wiki.midibox.org/ - **MIDIbox**

Permanent link:
https://wiki.midibox.org/doku.php?id=kongatrigga&rev=1537561546

Last update: **2018/09/21 20:25**