

# Konga Trigga

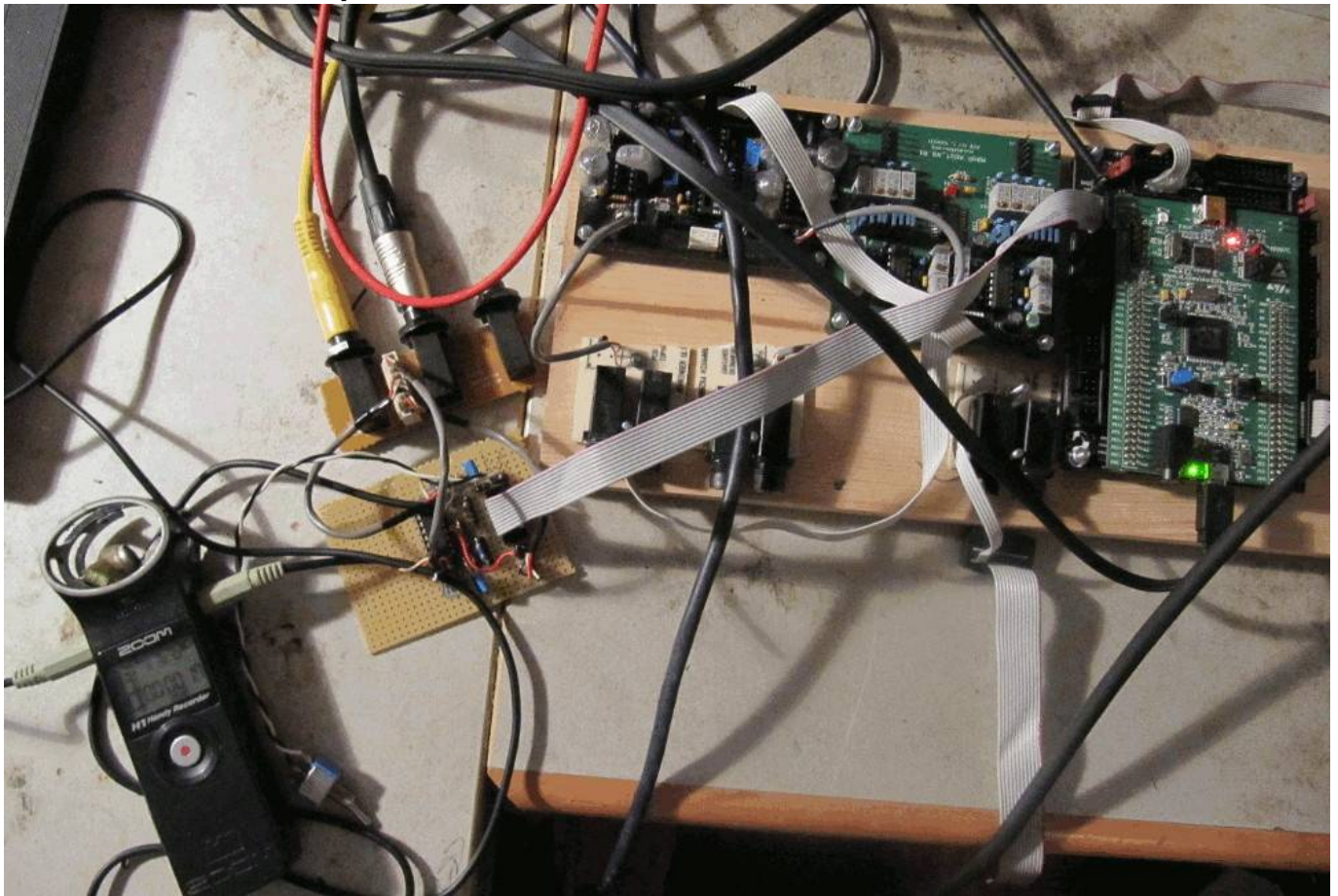
Konga > Mic > Preamp > Schmitt Trigger > uController + KeyboardNotes Input = Drum Triggered Notes

## 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** 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

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