

Konga Trigga

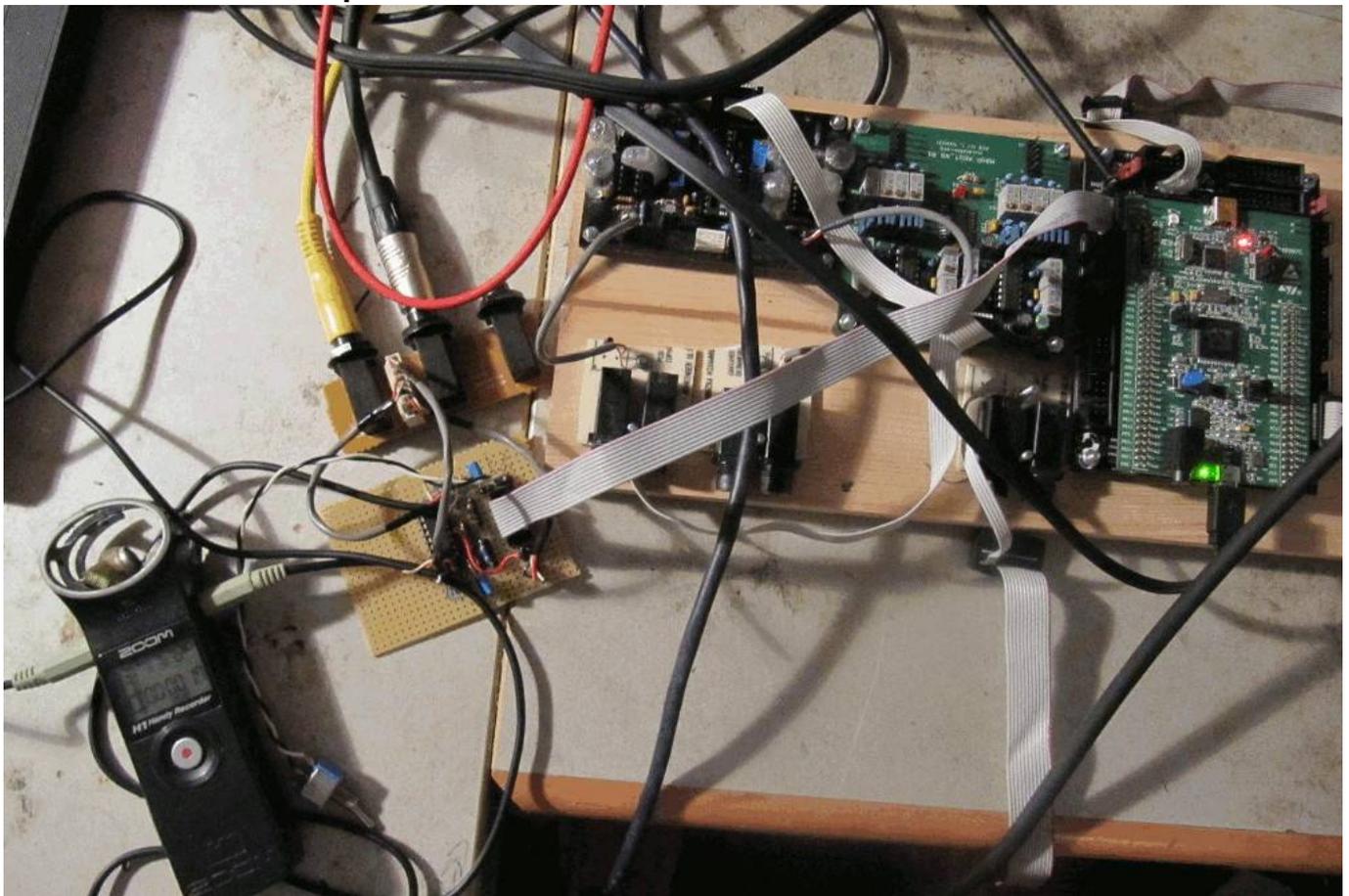
Konga > Mic > Preamp > Schmitt Trigger > uController + KeyboardNotes Input = Drum Triggered Notes

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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