

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** ===== PCB:

* **Audio PCB** * **DipCoreF4 PCB** * **UI PCB** Midibox:

* [dipcoref4](#)

* **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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