

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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