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 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

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