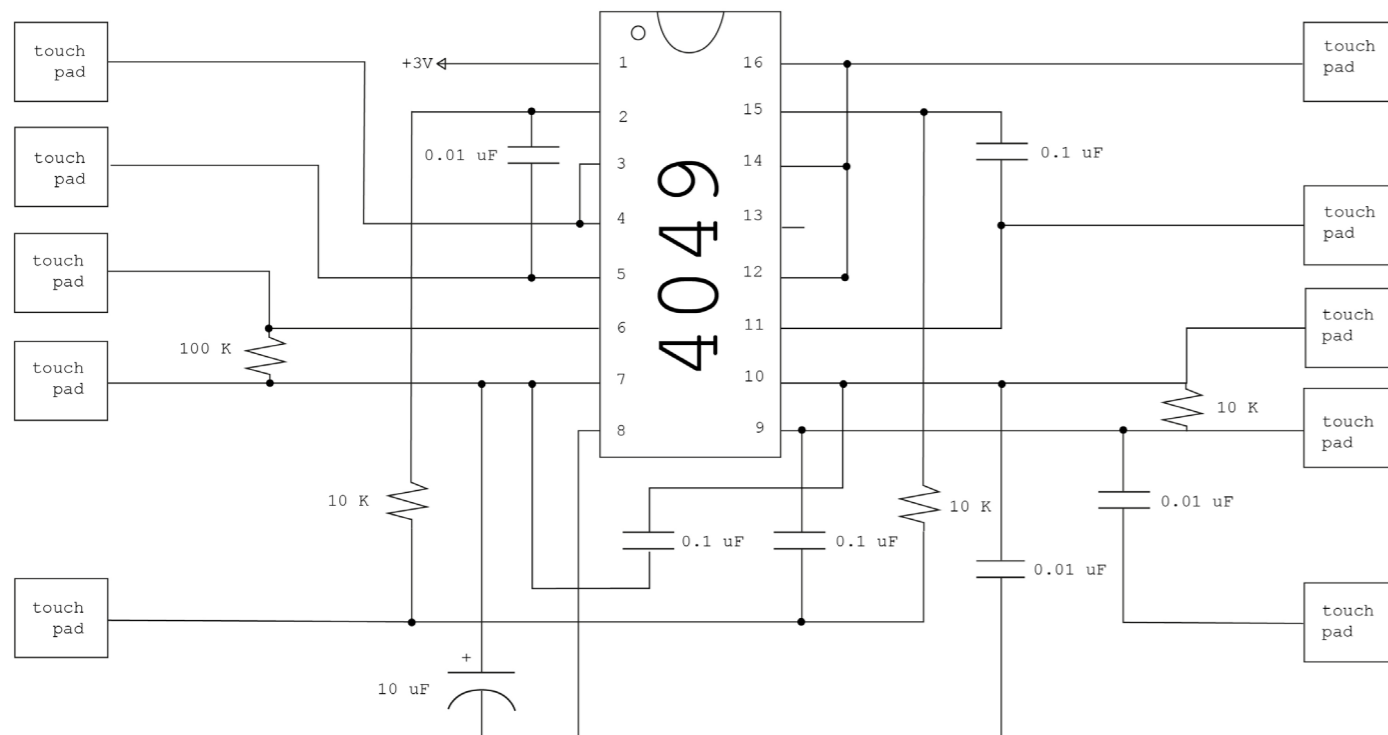


Touch Tone (4049)

TouchTone is a feedback amplifier system using all six inverters (inverting amplifiers) of a CMOS 4049 chip. Use the inverters in combined digital/analog mode. Two pairs are used as variable frequency oscillators (lower and high frequencies) and third pair is used in mixed amplifying/filtering/oscillating (feedback) mode to play around with the existing pads all over the system. Combining touchable pads in various manners can bring out interesting - very complex results.

>> www.ctrl-mod.com/product-p/ljudmila-touchtone-4049-kit.htm



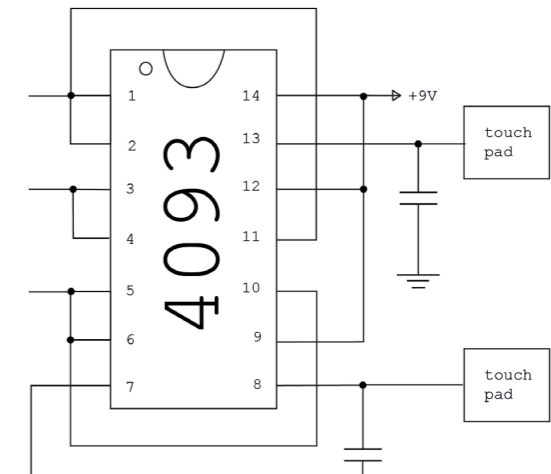
Synth Sense (4093) - Touch & Moist Synthesizer

"CD4093-Quad 2-input NAND Schmitt Trigger". The 4093 IC has 4 NAND gates each of which can be transformed as an oscillator. The oscillator will produce square wave sound as NAND gates produce binary signals as output.

>> www.andreassiagian.wordpress.com/2013/09/12/tutorial-touch-and-moist-synthesizer-using-cd4093-quad-2-input-nand-schmitt-trigger/

>> www.mechatronicart.ch/diy-makeaway/micro-noise

>> fluxmonkey.com/electro-noize/4093_Oscillator.htm



cracklebox circuit (4047)

The Kraakdoos, or Crackle Box, was designed by Michel Waisvisz of STEIM in the seventies, the main concept being that the human body becomes a vital part of the electronics (or the other way around) while playing it. It is a touch and pressure sensitive device that squeeks and makes a lot of noise when played with.

>> www.eam.se/kraakdoos

