Gretch Controfuzz Clone Project

Version 2004JULY27

This project was submitted by Alex Petrini, here are his notes:

Notes: All the caps are film capacitors, except C2 (220pF ceramic) and C3 (aluminum electrolytic). Potentiometer pads are provided for panel mounting. I used a LM358 as IC1, it sounded good to my ears. MC1458 sounds good too. I had a LF442, but it didn't seem nasty enough for this tiny circuit. I had no enough time to "taste" other op-amps. I have to say that I used very old and recycled components in my controfuzz: carbon resistors with impossible tollerance (about +-20%), rainbow-striped old-fashioned big polyester capacitors and a couple of motorola diodes. Even the ic is not new, I believe I've found it inside an old answering machine...As a result, this fuzz is so nasty!

Bill of Materials

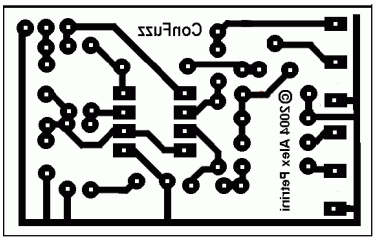
Resistors (1/4 watt rating)
1 – 100 ohm
1 – 10k
3 – 100k
2 – 220k
1 – 330k

Pots (1/4 watt or higher rating)
2 - 10k linear

ICs
1 – TL072 or similar dual opamp

Capacitors (minimum 16 volt rating)
1 – 220pF ceramic
2 – 0.1uF film
2 – 0.47uF film
1 – 10uF aluminum electrolytic

Other
2 – 1N4001
1 – 3PDT or DPDT heavy duty foot switch (bypass)
1 – mono quarter inch jack
1 – stereo quarter inch jack
9v battery snaps & holder and/or DC jack, knobs, Copper-clad board, etchant, or perfboard
24 gauge stranded wire
Enclosure



Size 4.9cm x 3.0cm

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