By SOLDERSOUNDCopy Cat Delay

Rev 1.0 2009-01-17 Design: Tonepad.com Layout: Solderman

This is the layout for the Copy cat delay effect made to fit in a 1590A enclosure. It is based on the Tonpad Rebote Delay 2.5 The Delay potentiometer can be switched to 100 K or more for some really crazy sounds. R 19 can be reduced to have endless or runaway repeats. Use low profile (5-7 mm high) electrolyte caps to save space.

Schematic

The schematic for the Rebote Delay 2.5 is found at; http://www.tonepad.com

Bill of material

Capacitors C10: 47uF C11: 47uF C12: 1uF C13: 1uF C14: 51pF C15: 10nF C16: 10nF C17: 5pF C18: 10nF C19: 27nF C1: 560pF C20: 100nF C21: 47uF C22: 47uF C23: 1uF C24: 1uF C25: 82nF C2: 1nF C3: 82nF C4: 82nF C5: 10nF C6: 100nF C7: 100nF C8: 47uF

C9: 100nF

IC:s and transistors

IC1: PT2399 IC2: TL072 Q1: 78L05

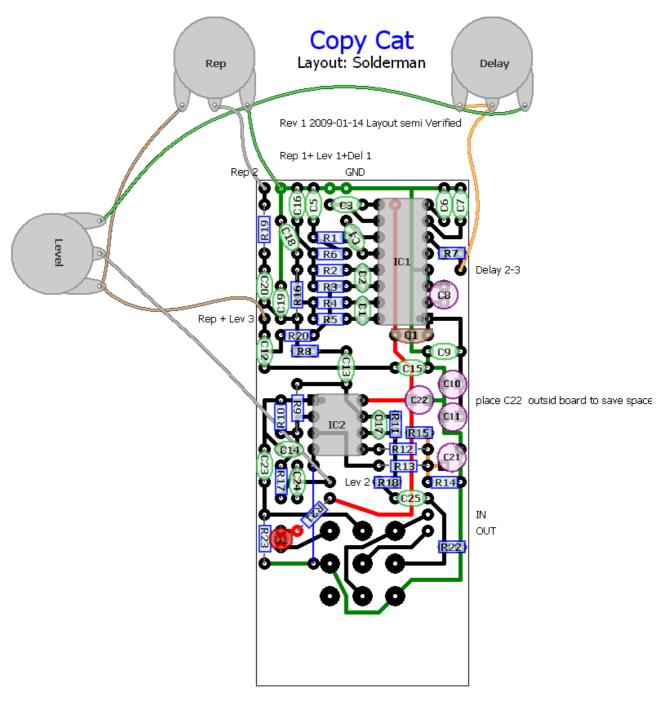
R10: 24K R11: 510K R12: 240K R13: 1K R14: 12K R15: 12K R16: 12K R17: 33K R18: 510K R19: 11K R1: 12K R20: 2K7 R21: 560R R22: 1M R23: 100K R2: 12K R3: 24K R4: 47K R5: 12K R6: 12K R7: 1K R8: 12K

Resistors

Repeat: 25K lin Delay: 50K lin Level: 100K lin

R9: 24K

Layout and wiring



Created with freeware DIY Layout Creator by Storm Software http://www.storm-software.co.yu/diy/

