

By **SOLDERSOUND**

Copy Cat Delay

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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

Resistors

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
R9: 24K
Repeat: 25K lin
Delay: 50K lin
Level: 100K lin

IC:s and transistors

IC1: PT2399
IC2: TL072
Q1: 78L05

Layout and wiring

