

NOPE SWITCH V1.1

Subminiature Relay True-Bypass (without microcontroller)

OVERVIEW

Relay True-Bypass without a microcontroller. [NO] [P]rocessor [E]ngaged.

GENERAL

This is a great solution for everyone that does not want to have a microcontroller based relay True-Bypass.

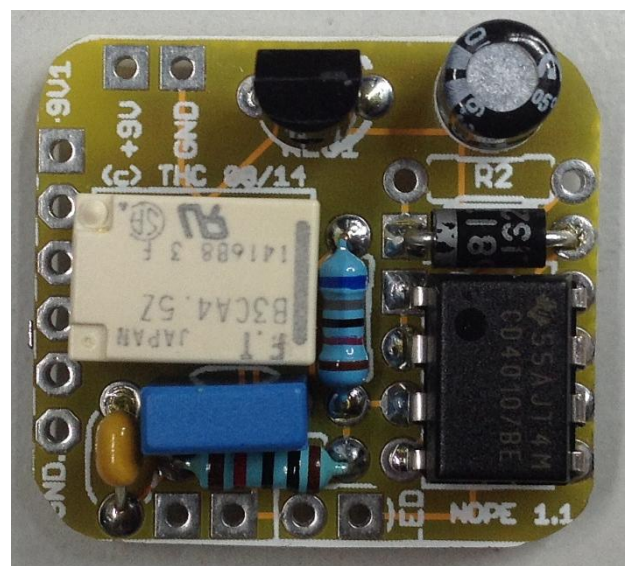
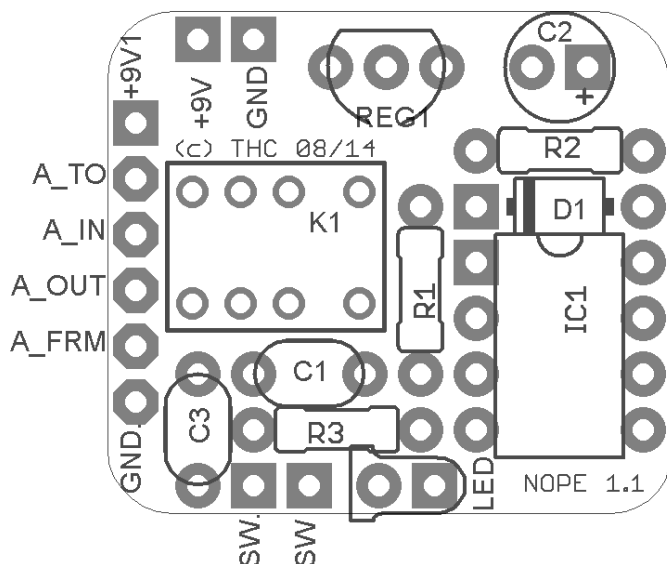
BILL OF MATERIALS

	Parts	Qty	Value	Description
Resistors	R1	1	68k***	
	R2	1	3k3*	*test with your LED for brightness
	R3	1	10k	
Capacitors	C1	1	330nF***	box film
	C2	1	100uF-220uF	pol. electro (limited height and width)
	C3	1	100nF	box film
Diodes	D1	1	1N5817	
	LED	1	LED 3mm/5mm	color and type of your choice
ICs	IC1	1	CD40107	
	REG	1	78L05	
Other	K1	1	Subminiature Relay	FTR-B3CA-4.5Z (Fujitsu)
	Switch S1	1	Momentary SPST	normally open

*** do not substitute other values for these parts. They are critical to the correct function of the circuit.

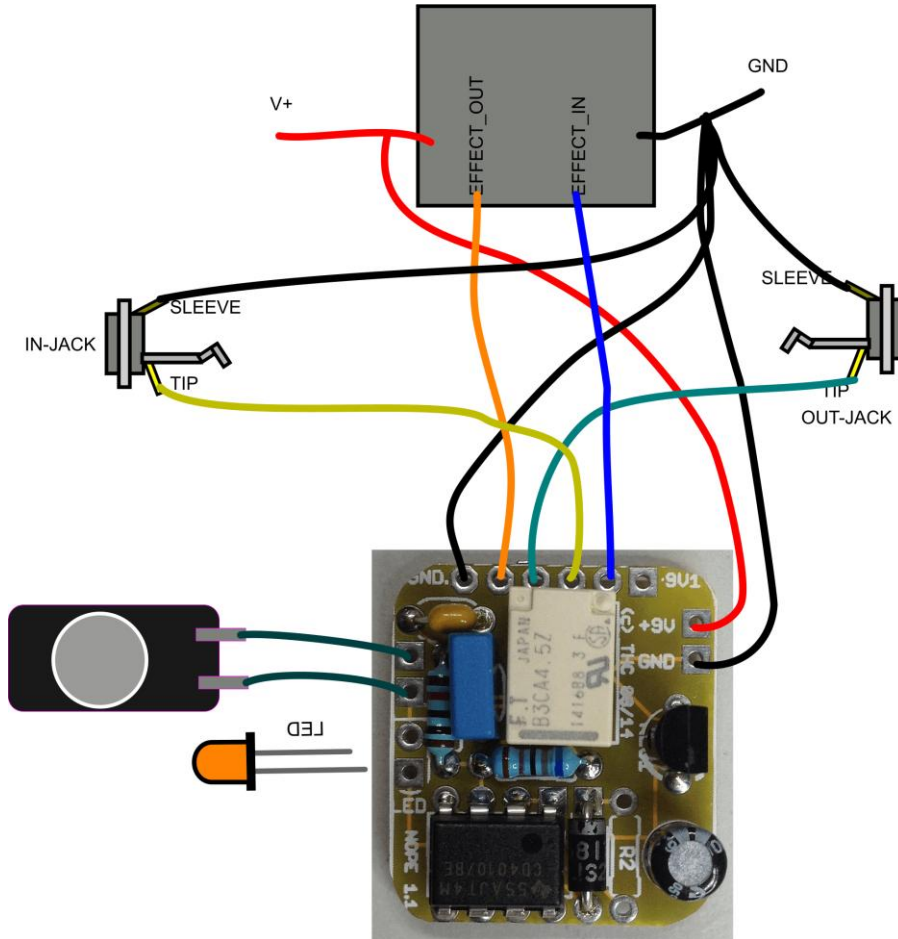
BUILDING

Populate resistors and diodes first. Then IC and relay. Transistor and voltage regulator next. Last put in box film and electrolytic caps.



WIRING

You need to make a connection between A_GND and GND as shown below!



FINALLY

This little tool fits almost anywhere. Replace your noisy 3PDT or make your pedal true-bypass now!

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