

Supplementary Information

Low-cost composite films triboelectric nanogenerator for self-powered touch sensor

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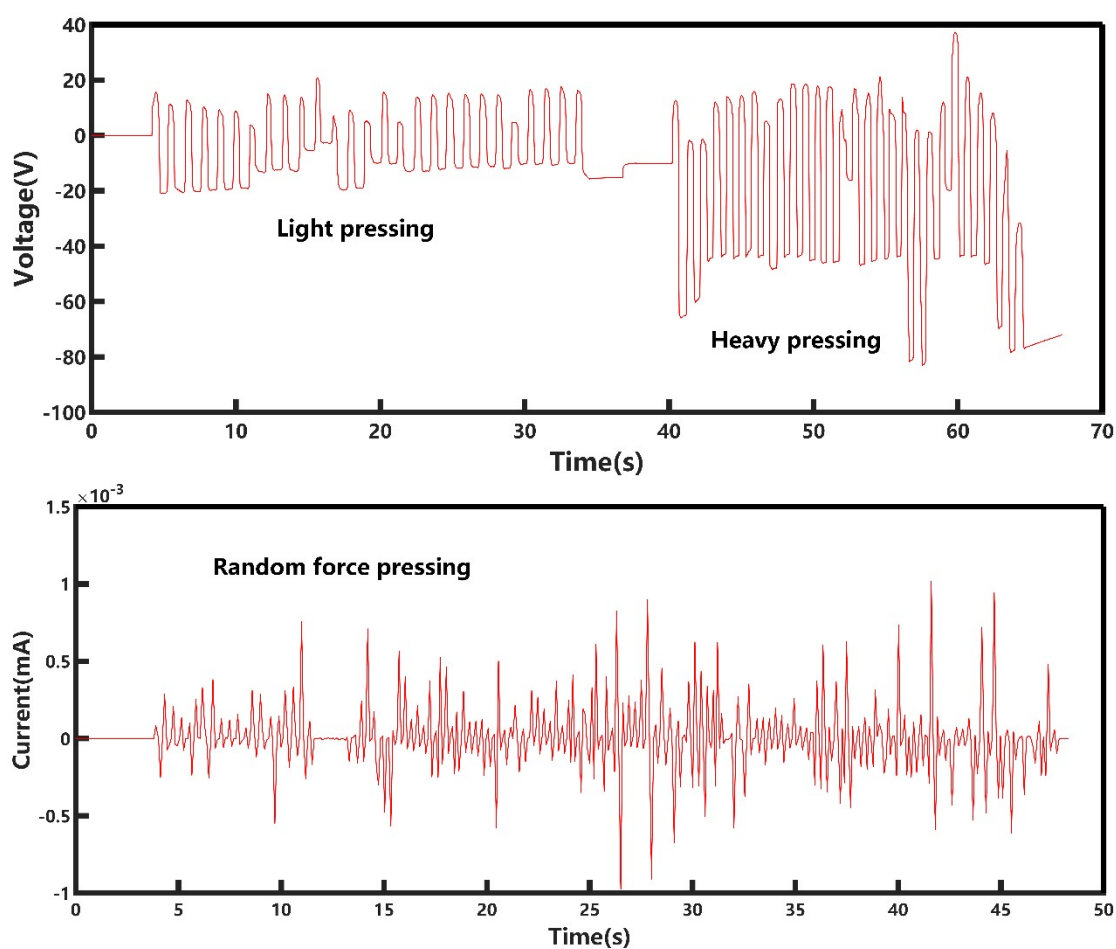


Fig. S 1 When pressed by hand with different forces, the output open circuit voltage and short circuit current (Testing by Keithley 2400).

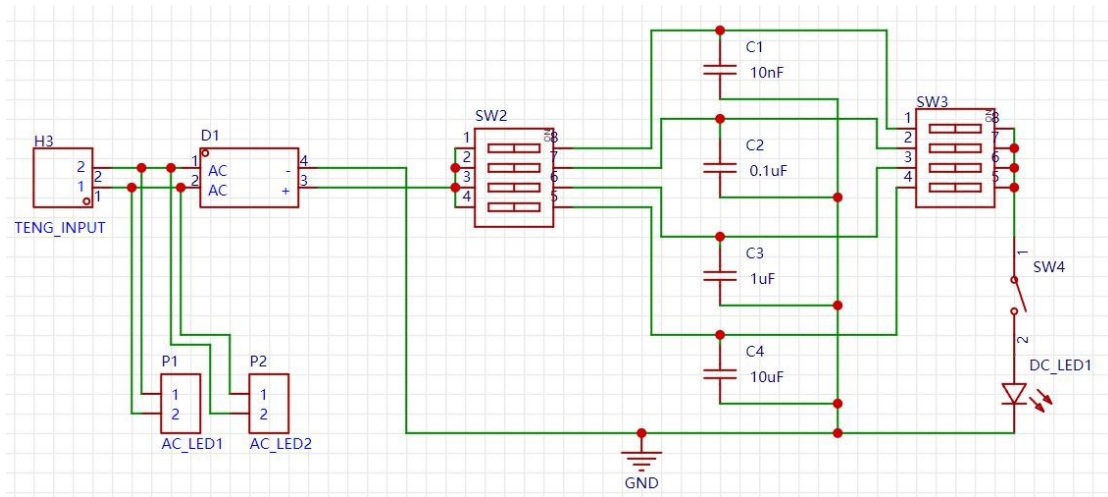


Fig. S 2 The circuit schematic of lighting LEDs.

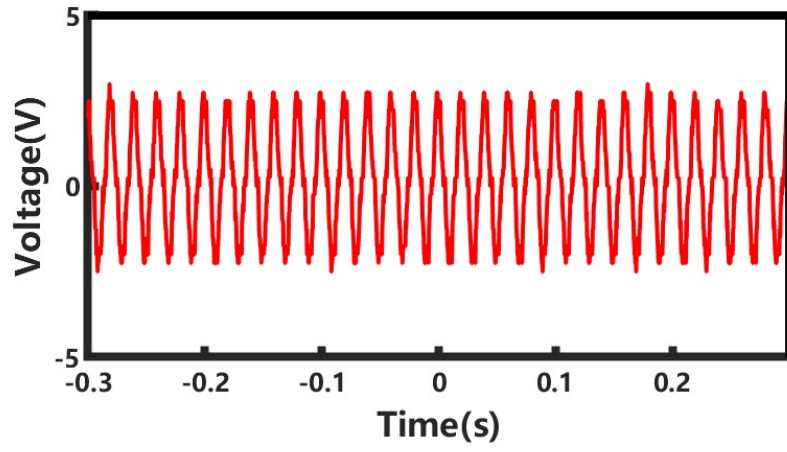


Fig. S 3 The waveform of power noise.



Fig. S 4 The photograph of the oscilloscope detects the power noise.

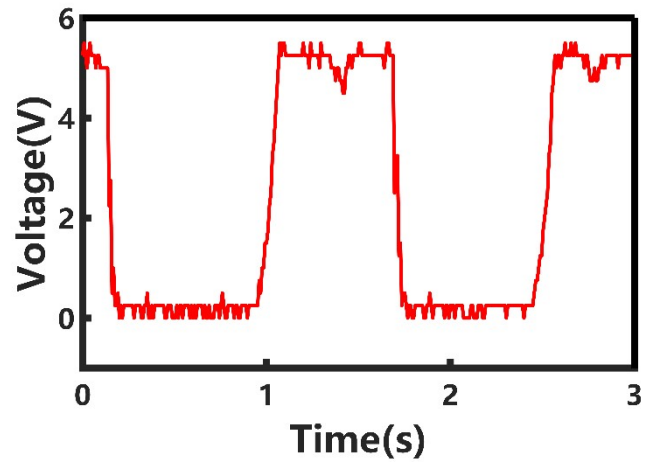


Fig. S 5 The output waveform of circuit shows in Fig. 7c. ii.

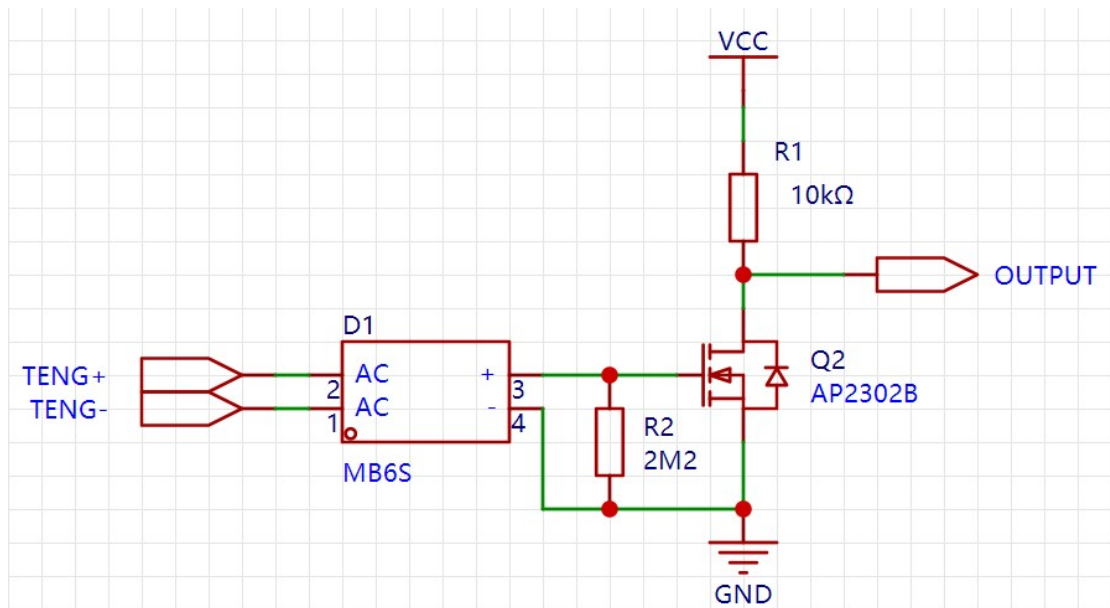


Fig. S 6 Circuit schematic diagram of converting TENG's AC signal into negative pulse. Two input ports actually use only one.