**Supplemental Circuit Schematics**

A picture containing graphical user interface

Description automatically generated

Figure S1. Power circuit schematic

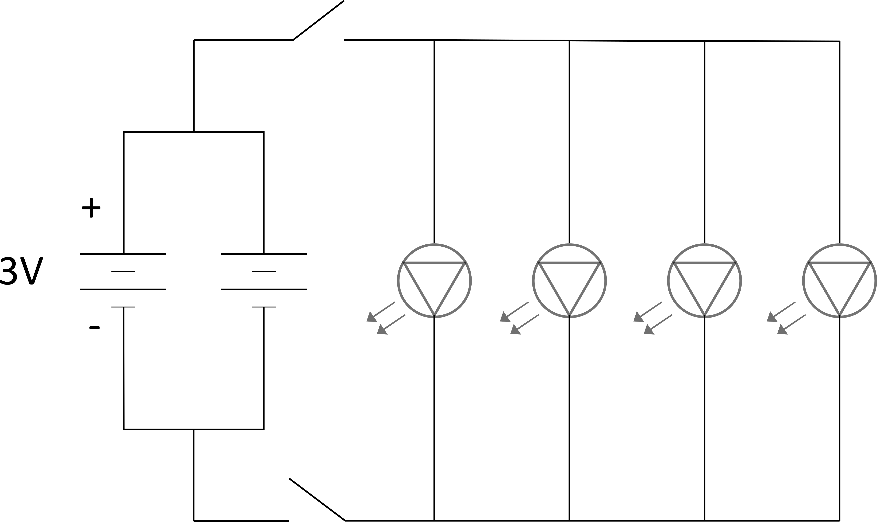


Figure S2. Battery circuit schematic