# IUCrJ

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**Supporting information for article:**

## C-SPAM: an open-source time-resolved specimen vitrification device with light-activated molecules

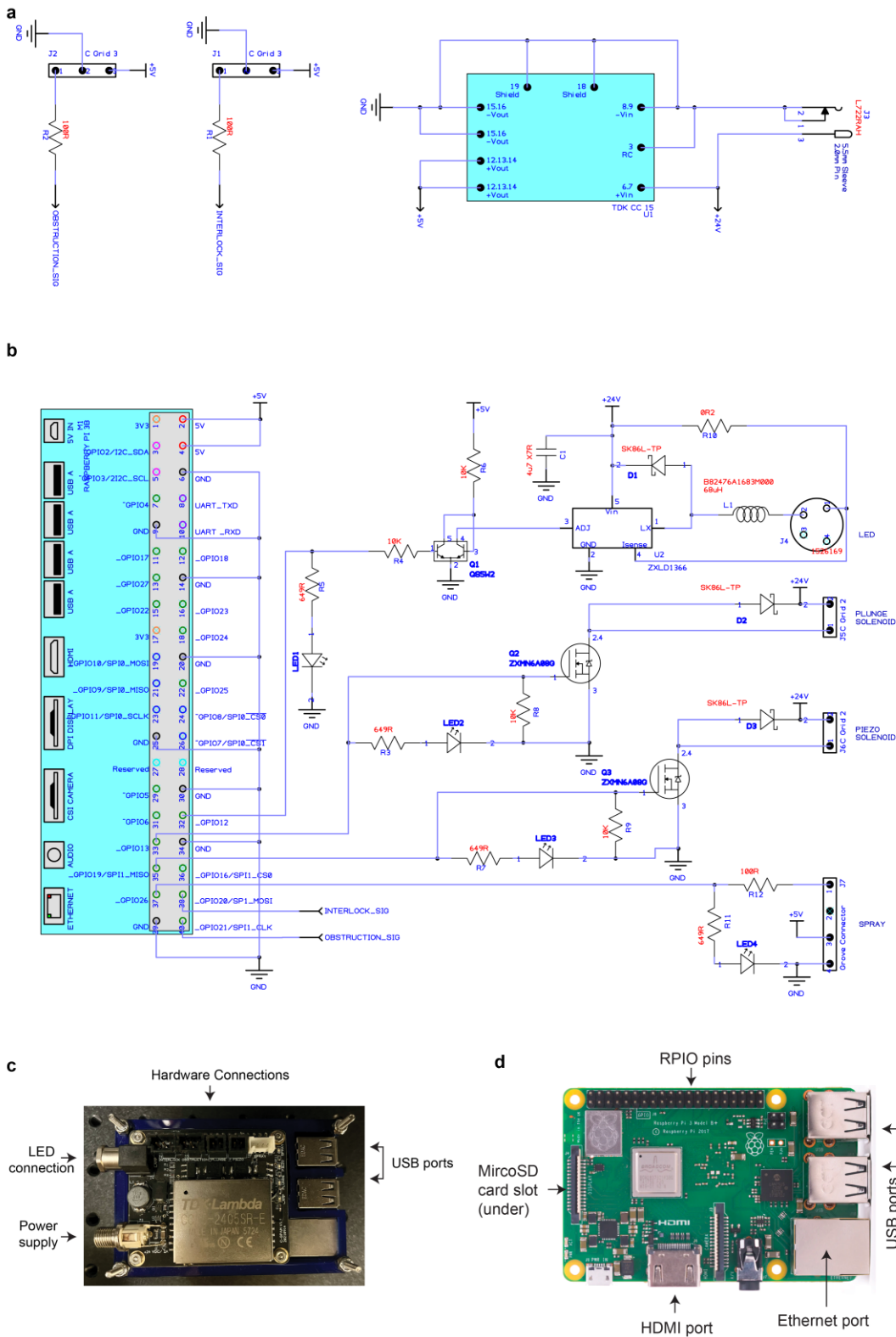**Alejandra Montaño-Romero, Calli Bonin and Edward C. Twomey**

**Figure S1** **Circuit schematic and electrical components of C-SPAM. a-b**, Circuit board schematic for incorporation onto Raspberry Pi Model 3 B+. **c**, Fully assembled circuit and Raspberry Pi Model 3 B+. Connections for LED, hardware components, USB ports, and power supply are shown. **d**, Overview of Raspberry Pi Model 3 B+.
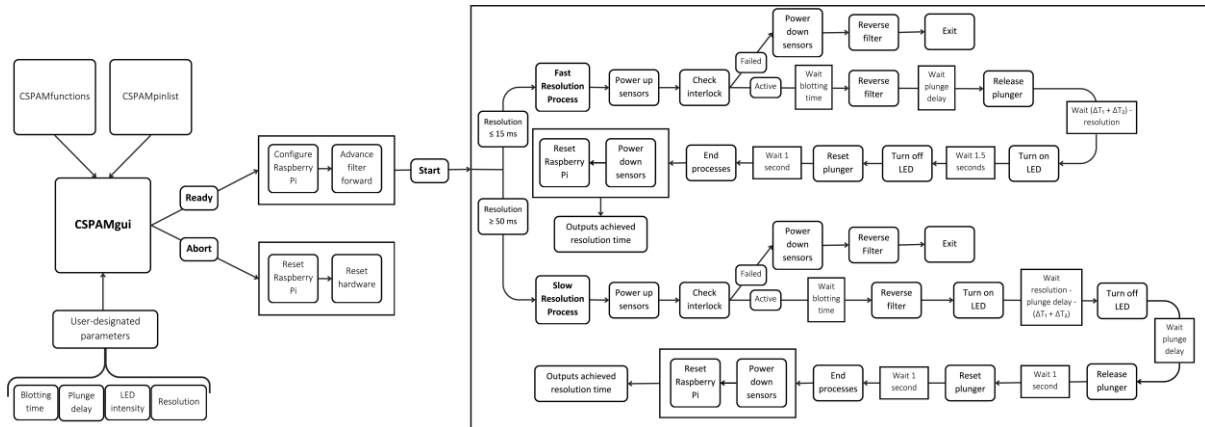
**Figure S2**  **Software components.** Diagram shows sequence of software operations in C-SPAM components.