

## Soup'er Up'er Bill-of-Materials

April 29, 2021 – PCB Ver. 1.45

|                              |   |
|------------------------------|---|
| R1, R9                       | 1 Meg Ohm 1/8W 5% (Qty 2)   |
| R2, R3, R36                  | 33 K Ohm 1/8W 5% (Qty 3)  |
| R4, R5                       | 47 K Ohm 1/8W 5% (Qty 2)  |
| R6, R7                       | 36 K Ohm 1/8W 5% (Qty 2)  |
| R8, R14, R15                 | 10 K Ohm 1/8W 5% (Qty 3)  |
| R10, R33                     | 1 K Ohm 1/8W 5% (Qty 2)   |
| R12, R13, R24, R25, R31, R32 | 2.2 K Ohm 1/8W 5% (Qty 6)   |
| R22, R23                     | 20 K Ohm 1/8W 5% (Qty 2)  |
| R26                          | 470 K Ohm 1/8W 5% (Qty 1)   |
| R34                          | 390 K Ohm 1/8W 5% (Qty 1)   |
| R21                          | 1 K Ohm Potentiometer w/Center Detent (Qty 1)<br>Bourns p/n PTV09A-4225F-B102 |
| R35                          | 10 K Ohm Trimmer Potentiometer (Qty 1)<br>Bourns p/n 3386P-1-103LF            |
| C1, C21, C22, C25, C32, C33  | 0.1 uF 50V 10% Kemet C322C104K5R5TA7301 (Qty 6)                               |
| C2                           | 0.047 uF 63V 5% EPCOS (TDK) B32529C473J (Qty 1)                               |
| C3, C5, C7                   | 0.001 uF 63V 5% EPCOS (TDK) B32529C102J (Qty 3)                               |
| C4                           | 0.036 uF 63V 5% Vishay BFC241643603 (Qty 1)                                   |
| C6                           | 0.039 uF 63V 2% Vishay BFC241643903 (Qty 1)                                   |
| C8, C9                       | 0.0022 uF 63V 5% EPCOS (TDK) B32529C222J (Qty 2)                              |
| C11                          | 220 uF 25V Nichicon UVY1E221MED1TD (Qty 1)                                    |
| C12, C23                     | 4.7 uF 25V Nichicon UKL1E4R7MDD1TD (Qty 2)                                    |
| C31                          | 0.22 uF 50V 10% Kemet C322C224K5R5TA (Qty 1)                                  |
| C34                          | 0.01 uF 50V 10% Kemet C317C103K5R5TA (Qty 1)                                  |
| D21, D22                     | 1N4148 (Qty 2)  |
| D23                          | 1N4001 (Qty 1)  |
| Q1                           | 2N7000 (Qty 1)  |
| U1                           | LM324 (Qty 1)   |
| U11                          | 78L08 (Qty 1)   |
| U21                          | LM358 (Qty 1)   |
| SW2                          | Toggle Switch, SPDT Digikey p/n EG2350-ND                                     |
| 2 each                       | Hex M-F Standoff 6-32 X 1/2" Keystone Electronics 8414                        |
| 1 each                       | Knob, Skirted, Black with White Index Line, same as used on Bayou Jumper      |
| 24 inches                    | 26 ga. Insulated, stranded wire, Red  |
| 24 inches                    | 26 ga. Insulated, stranded wire, White  |
| 24 inches                    | 26 ga. Insulated, stranded wire, Blue   |
| 24 inches                    | 26 ga. Insulated, stranded wire, Yellow                                       |
| 1 each                       | Soup'er Up'er Printed Circuit Board   |