

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

May 29, 2017 – PCB Ver. 1.43 & Earlier

R1, R9	1 Meg Ohm 1/8W 5%
R2, R3	33 K Ohm 1/8W 5%
R4, R5	47 K Ohm 1/8W 5%
R6, R7	36 K Ohm 1/8W 5%
R8, R14, R15	10 K Ohm 1/8W 5%
R10, R33	1 K Ohm 1/8W 5%
R12, R13, R24, R25, R31, R32, R36	2.2 K Ohm 1/8W 5%
R22, R23	20 K Ohm 1/8W 5%
R26	470 K Ohm 1/8W 5%
R34	390 K Ohm 1/8W 5%
R19	1 K Ohm Potentiometer w/Center Detent Bourns p/n PTV09A-4225F-B102
R35	10 K Ohm Trimmer Potentiometer Bourns p/n 3386P-1-103LF
C1, C21, C22, C25, C32, C33	0.1 uF 50V 10% Kemet C322C104K5R5TA7301
C2	0.047 uF 63V 5% EPCOS (TDK) B32529C473J
C3, C5, C7	0.001 uF 63V 5% EPCOS (TDK) B32529C102J
C4	0.036 uF 63V 5% Vishay BFC241643603
C6	0.039 uF 63V 2% Vishay BFC241643903
C8, C9	0.0022 uF 63V 5% EPCOS (TDK) B32529C222J
C11	220 uF 25V Nichicon UVY1E221MED1TD
C12, C23	4.7 uF 25V Nichicon UKL1E4R7MDD1TD
C31	0.22 uF 50V 10% Kemet C322C224K5R5TA
C34	0.01 uF 50V 10% Kemet C317C103K5R5TA
D21, D22	1N4148
D23	1N4001
Q1	2N7000
U1	LM324
U11	78L08
U21	LM358
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
3 inches	1/16" Heat Shrink Tubing
1 each	Decal, White Lettering – Filter On/Off, Fine Tuning
1 each	Decal, Black Lettering – Filter On/Off, Fine Tuning
1 each	Soup'er Up'er Printed Circuit Board