

Energy Consumption Monitor Parts List

T1	Transformer, primary 120 VAC, secondary 13.8 Vrms, or equivalent
R1	Resistor, 3300 Ω , ¼ watt
R2	Resistor, 200 Ω , ¼ watt
R3	Resistor, 100 Ω , ¼ watt
R4	Resistor, 10K Ω , ¼ watt
R5	Resistor, 47K Ω , ¼ watt
R6	Resistor, 1K Ω , ¼ watt
R7	Resistor, 33K Ω , ¼ watt
D1	Rectifier, 1N4001 or equivalent
C1	Capacitor, electrolytic 4700 μ F, >~15 V
C2	Capacitor, ceramic, 0.47 μ F, >~15 V
C3	Capacitor, ceramic, 0.47 μ F, >~15 V
C4	Capacitor, tantalum, 22 μ F, >~15 V
C5	Capacitor, electrolytic 10 μ F, >~15 V
C6	Capacitor, electrolytic 1 μ F, >~15 V
U1	Voltage regulator, +5V, 7805
U2	Current sensor, Amploc AMP25
Q1	Transistor, NPN, 2SC1740S or equivalent
J1	1/8" stereo audio jack