

Parts List for Wireless Appliance Control Module:

Item	Quantity	Part Description	Designators
1	1	Cap-Mono, X7R, RAD, 10%, 100 μ F/50V, Polarized	C1
3	1	Cap-Mono, X7R, RAD, 10%, 0.01 μ F/50V	C2
5	1	Cap-Mono, X7R, RAD, 10%, 10 μ F/50V, Polarized	C3
7	2	Resistor, Metal Film, 1%, 500 Ω /0.25W	R1,R2
9	1	Resistor, Metal Film, 1%, 35k Ω /0.25W	R3
11	1	IC, PSoC MCU, CY8C29466-24PXI, 28DIP	U1
13	1	IC, Voltage Regulator, GL-7805, 5V	U2
15	1	IC, Wireless Receiver, Radiotronix RCT418RP, 418MHz	U3
17	1	Relay, 1-Pole, 5V, 8A Max, JS-5M-K	K1
19	1	Antenna, 418MHz, $\frac{1}{4}$ wavelength	ANT1
21	1	Diode, Relay Surge Protection, 100V, 200mA, 1N4148	D1
23	1	Transformer, 120V, 18:1, 1A	T1
25	1	Bridge Rectifier, 250V, 1A	CR1
27	1	Dip Switch, 4-Pin	DIP1
29	1	Jack, AC Receptacles, Straight, Female	J1
31	1	Plug, AC Wall-Plug, Straight, Male	P1
33	1	Fuse, Fast Acting, 10A at 120VAC	F1
35	1	Transistor, Relay Driver, NPN, PN2222A	Q1