

Tuna Helper

(ver 2)

Bill of Materials

1 - 51 ohm resistor	grn-brn-blk
1 - 100 ohm resistor	brn-blk-brn
2 - 100 ohm 3W resistors	brn-blk-brn
1 - 1K ohm resistor	brn-grn-blk-org
1 - 47K ohm resistor	yel-vio-org

2 - .01uf capacitors (103)
2 - .1uf capacitors (104)
2 - 2.2 uf electrolytic capacitors (2.2)

1 - 1N5711 diode
3 - 1N4148 diodes
1 - PN2222 transistor
2 - right angle red RCA connectors
4- right angle white RCA connectors
2 - 2 pin screw terminal block
3 – 1x2x.1” male header
2 - .1” female shorting jumpers
1 - SPDT subminiature toggle switch
1 – 12v DPDT relay
1 - 6-32 x 2” BOLT & NUT