

Kits Parts List (* in Red Box)

Kits Parts can be ordered from:

KT Associates: 454 Hockomock Rd, Woolwich, ME 04579
benkt@zwi.net, 207-443-1595.

Clip lead kit

- 6 black insulated alligator clips
- 6 red insulated alligator clips
- 3' #22 black stranded wire
- 3' #22 red stranded wire

Meter/Transformer kit

- 4 black alligator clips
- 2 red alligator clips
- 1 AA cell
- 3 spare fuses
- 2 spare button cells (old style meters only)

ES

- 1 knife switch (DPDT)
- 1 AA cell
- 1 battery holder
- 3 wiring nuts
- 2 10 meg Ω resistors
- 1 20 Ω resistor
- 1 1.0 μ F polyester capacitor

LVPS

- 1 Perfboard
- 4 rubber feet
- 1 full wave bridge rectifier
- 1 1000 μ F electrolytic capacitor
- 1 socket for LM317 regulator
- 1 5 k Ω potentiometer
- 1 1 μ F, electrolytic capacitor
- 1 390 Ω 1/2W resistor
- 1ft. #22 tinned copper wire
- 1 LM317 voltage regulator
- 1 heatsink for LM317 reg AM
- 2 1" plated steel washers
- 1 1" plastic caster bushing
- 1 hardwood dowel with #19 drilled hole
- 2" 5kV test lead wire

- 1 paper clip
- 1 slide type SPDT switch
- 1 6-32 X 1/2 screw
- 1 6-32 nut
- 1 91 K Ω 1/2 W resistor
- 1 0.1 μ F ceramic disc capacitor

LVPST

- 1 resistor 2.4 Ω , 2 W
- 1 #1157 tail lamp

FO

- 1" 1/8" Al rod
- 1 wire nut
- 8" 1/16" brass rod*
- 1' #22 stranded wire
- 2 plastic stirrers
- 2 paper clips
- 2" 5k test lead
- 1 paper cup*
- 2 cable clamps
- 3 #6 washers
- 2 #6 sheet metal screws
- 1 pre-drilled wood block*
- 1 5/8" binder clip
- 1 alligator clip
- 1 solder lug
- 1 6-32 machine screw
- 1 6-32 nut
- 12" 1/2" PVC pipe*
- 1 10M Ω resistor 1/2W, 5%
- 1 1.0 μ F polyester cap.10%

FM

- 2 magnets
- 1 paper cup*
- 1 piece aluminum rod
- 1 soda straw
- 1' solid wire
- 1 pre-drilled wood block*

CF

- 1 12V DC motor
- 1 2" corner brace
- 1 hose clamp #12 SS
- 1 LED, wt. internal resistor

- 1 .1 μ F ceramic disc capacitor
- 4' #22 speaker wire
- 2 nuts, 6-32 (5/16) steel
- 2 rubber bands, #18
- 1 paper clip,#1
- 1 push pin
- 1 paper cup (in red box)

ET

- 4 #6 cups
- 1 cup lid
- 1 soda straw
- 1 thermistor
- 4 paper towels (in red box)

VS

- 1 paper cup (in red box)
- 1 6' piece of string
- 1 10" hacksaw blade
- 1 fender washer
- 1 4-40 X 1/2" screw
- 1 4-40 nut
- 6 #18 rubber bands
- 1 12" piece of wood
- 2 thumbtacks
- 2 paper clips

AM

- 2 1" plated steel washers
- 1 1" plastic caster bushing
- 1 hardwood dowel with #19 drilled hole
- 2" 5kV test lead wire
- 1 paper clip
- 1 slide type SPDT switch
- 1 6-32 X 1/2 screw
- 1 6-32 nut
- 1 91K Ω 1/2W resistor
- 1 0.1 μ F ceramic disc capacitor

FL

- 1 500ml plastic bottle
- 4 plastic stirrers
- 1 1 1/2"length poly tube
- 4 paper cups
- 2 paper plates
- 4 paper towels

- 1 push pin
- 1 piece of gum (sugarless)
- 1 2 1/2" nail
- 2 rubber bands