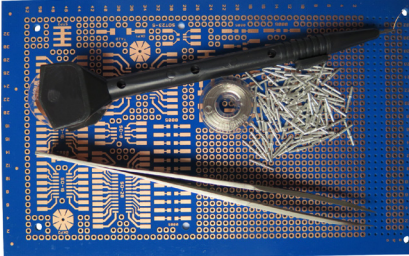# PCB Prototyping Surface Mount Technology (SMT) Kit 2

multicomp PRO

RoHS Compliant

Description

This Surface Mount Technology (SMT) PCB Wiring Kit is designed as an introduction to prototype wiring of Surface Mount Technology (SMT). The SMT layout is combined with the Stripboard PCB format. It provides the means to experiment with hand wiring of Surface Mount Devices (SMD's)

Features

- Introduction to hand wiring of Surface Mount Devices (SMD's)
- Meets philosophy of flexibility and versatility
- Board layout and guidelines included
- SMD leads fan out to easy-to-wire solder pads
- Provision for future piggy-back boards
- Quick and easy in use

Kit Comprises

- Wiring Pencil with brake and bobbin of Solderable Enamel Wire
- MP005897 SMT single height, single sided Eurocard combined with Stripboard format, (160mmx100 mm)
- Tweezers - AA Type
- Double Sided Solder pins, 1.0mm dia, 100 off (approx.)
- Bobbin of Tinned Copper Wire – 0.25mm dia. (non-insulated)
- Board format and SMD footprint list
- Guidance Notes: Surface Mount Technology PCB Formats & Hand Wiring & Soldering Surface Mount Devices

Specifications for all Boards

- Material epoxy glass or FR4
- Board thickness 1.6mm
- Connector pattern to DIN41612
- Hole matrix on 2.54 x 2.54mm
- Hole size 1.02mm
- Copper Thickness 1oz/ft2 or 35 microns or 305g/m2
- Compatible DIN 41494
- Protective Coating OSP - organic solderability preservatives (anti tarnish)

Part Number Table

Description	Part Number
PCB Prototyping Surface Mount Technology (SMT) Kit 2	MP005868

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
Element14.com/multicomp-pro

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