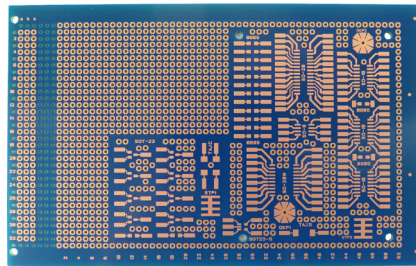
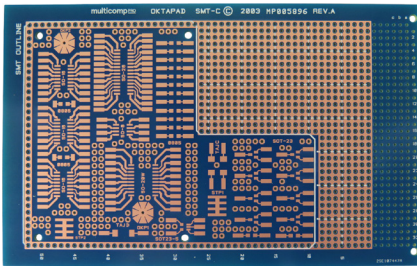


# Surface Mount Technology Prototyping Eurocard

**multicomp** PRO

**RoHS  
Compliant**



## Description

The Oktapad® Surface Mount Technology (SMT) series of Prototyping Eurocards, comprises 3U eurocards - single height, single and double sided, which have been developed to enable the introduction of the Wiring Technique to Surface Mount Technology (SMT). The circuit boards have been designed as experimental development boards, to combine the assembly and wiring of Surface Mount Devices (SMD's) with conventional components. All circuit boards contain popular Surface Mount Device (SMD) footprints with fan-outs to easy-to-wire solder pads. The single height, double sided boards repeat the SMT pattern on both sides. The colander ground plane covers the remaining component side copper pad or strip sections. There are fixing holes to attach a 'piggy-back' board, should the need arise.

## Features

- Combined with Oktapad® format
- Single height, single sided PCB
- Facilitates wiring of Surface Mount Devices (SMDs) and conventional devices
- Silkscreen reference component side
- Popular SMD footprints
- SMD leads fan out to easy-to-wire solder pads
- SMD Pattern both sides
- Colander ground plane covers remaining component side
- Hole matrix on 2.54mm × 2.54mm
- Hole size 1.02mm
- Provision for 'piggy-back' board – 4 x fixing holes
- DIN 41612 connector mounting holes at one end – 32/64/96 way
- Material epoxy glass or FR4
- Board thickness 1.6mm
- Connector pattern to DIN41612
- Copper Thickness 1oz/ft<sup>2</sup> or 35 microns or 305g/m<sup>2</sup>
- Compatible DIN 41494
- Protective Coating OSP - organic solderability preservatives (anti tarnish)

## Part Number Table

Description	Part Number
Single Height Double Sided Eurocard, 3U – 100mm × 160mm Oktapad® Format	MP005896

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