

Eurocard extender boards

STANDARD AND SUPER PTH EXTENDER BOARDS

A range of PTH extender board assemblies available in two combinations of standard and super. The standard range, in either 64/64 or 96/96, is assembled with front and rear DIN connectors and supplied complete with ejector arms. The super version, in 96/96 format only, is supplied as per the standard format but also including gold plated wirewrapping pins, jumper links and logic analyser reverse DIN connector. The boards provide a high degree of mechanical flexibility and have many electrical advantages over their double sided predecessors.

Features

- Expandable height in multiples of 3U, i.e. 3U, 6U, 9U etc. is achieved by simply adding a standard divider plate assembly as required
- The ability to mix different types of extenders on 3U upwards to suit a particular bus system
- Suitable 160 and 220mm deep systems
- Maximum track widths with a copper plating thickness of 70µm in order to minimise voltage drop
- DIN connector outer rows 1abc, 2abc, 31abc and 32abc have extra wide tracks to match power rails on most standard bus systems, i.e. VERO Microbus range
- Voltage and current measuring facilities available by either simply breaking tracks and pinning for the addition of jumper links (see illustration) or using the fully assembled super version
- Standard versions provide the facility for mounting a backplane stub terminator or logic analyser to the side of the board as required. This is supplied complete with the super version.
- Provides support/eject mechanism to ensure the daughter board remains captive within the guides when ejecting and that the correct connector breaks when dismantling
- Solder resist coated to prevent solder bridging of joints and finger staining

Ordering information

Description: PTH Extender boards	Order code
64/64 Standard PTH extender board	188-29937F
96/96 Standard PTH extender board	188-27573A
96/96 Super PTH extender board	188-39011D
Extender board conversion kit	188-27542E

Board specification

Board type	Epoxy glass
Plated through hole	BS4584, EP-GC-Cu FR4
Max. working temp.	155°C
Nom. board thickness	1,6mm
Laminated copper thickness	35µm or 1oz/ft² or 305g/m²
Plated copper	25µm
Tin lead	10µm
Total	70µm

Note: Bare boards are UL 94 V-0 recognised components file number E116551.
Bare boards are approved to BS9762

Accessories

Jumper links, wirewrapping pins, reverse DIN connector.

Ordering information

Description: Accessories	Order code
Jumper links Red/10	188-29988E
Jumper links Black/10	188-29989B
Wirewrapping pins/100	188-29990C
Reverse DIN connector	906-72382B



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