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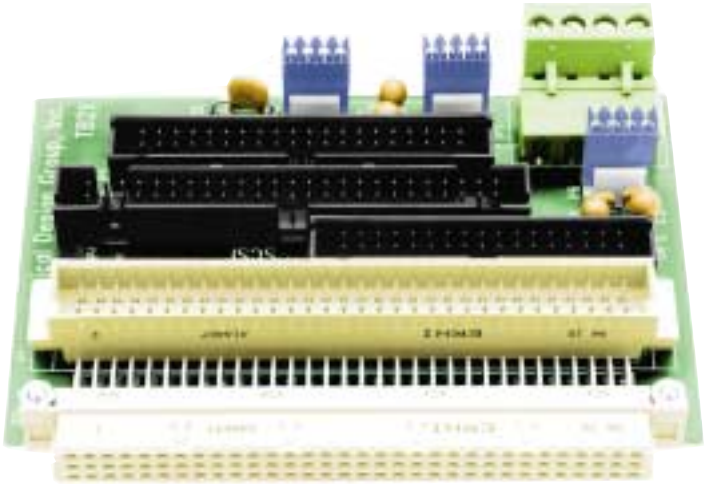
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Find the *Abaco Systems / SBS / Logical Design Group VME-TB21* at our website: *Click HERE*

VME-TB21
P2 Adapter for Disk Drive Cabling

Features:

- Directly Plug Compatible with the VME-V5B and V5C Embedded PC's
- P2 Ribbon Cable Break-out for Floppy, IDE and SCSI
- Power Distribution for Drives
- Provides P2 Peripheral Interface for Drive Modules
- Mating Power Connectors Included



Description

The VME-TB21 transition board is a companion to the VME-V5B and the V5C Embedded PC's for connecting remotely mounted floppy drives and hard drives. The VME-TB21 routes the VME-V5B and the V5C peripheral control signals supplied by rows *a* and *c* of the P2 connector to ribbon cable connectors. The ribbon cable connectors are compatible with industry standard signal definitions. The VME-TB21 plugs directly onto the back of the P2 backplane in the slot position occupied by the VME-V5B or the V5C. The extended VMEbus signals on row *b* are not connected to the VME-TB21. The backplane must have extended pins with shrouds to accommodate the VME-TB21 connector.

IDE, SCSI and Floppy Drive Interface

The floppy drive interface is provided to a 34-pin male header connector which will accept most standard floppy cable assemblies. The IDE hard drive interface is provided to a 40-pin male header connector which will accept most standard IDE cable assemblies. The SCSI hard drive interface is provided by a 50-pin male header connector which will accept most standard SCSI drive ribbon cable assemblies. When used with the V5C, the VME-TB21 provides narrow SCSI only.

Power Distribution

In installations where the operating power is directly supplied to the floppy and hard disk drives, no additional power connections are required. However, associated with each drive connector is a 4-position header which makes +5 volts and +12 volts available should it be more convenient to distribute power to the drives directly from the VME-TB21. A terminal block is also provided if power is to be supplied to the disk drive via P6, P8 or P9. Power is to be supplied to the VME-TB21 from the system power supply.

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VME-TB21 Specifications

VME-TB21 Ordering Number

VME-TB21	P2 Adapter for Disk Drives

VME-TB21 Specifcations

General	Model	VME-TB21
	Description	Peripheral Transition Board
	Host Compatibility	VME-V5B, V5C P2 a and c rows
	Connectors	34-Pin Male with Shroud (Floppy Signals) 40-Pin Male with Shroud (IDE HD Signals) 4-Pin for IDE and Floppy Power 4-Pos Terminal Block for External Power
Electrical	Power	Drive Requirement Only
Physical	Size	3.9" x 3.2" overall
Environmental	Temperature	0° to 55° Celsius Inlet Air, Operating -40° to 85° Celsius, Non operating
	Cooling	None
	Humidity	10 to 90% RH, Non-Condensing
	Shock	6G Max. Operating, 10G Max. Non-Operating

6301 Chapel Hill Road, Raleigh, NC 27607-5115 • Tel (919) 851-1101 • Fax (919) 851-2844
E-mail sales@sbs-ec.com • Internet www.sbs.com

Memminger Str. 14, D-86159 Augsburg • *Tel +49 (821) 5034-0 • Fax 011-49-821 5034-119*
E-mail sales@or-computers.de • Internet www.sbs.com

Specifications subject to change without notice. Rev. 07/26/2001

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