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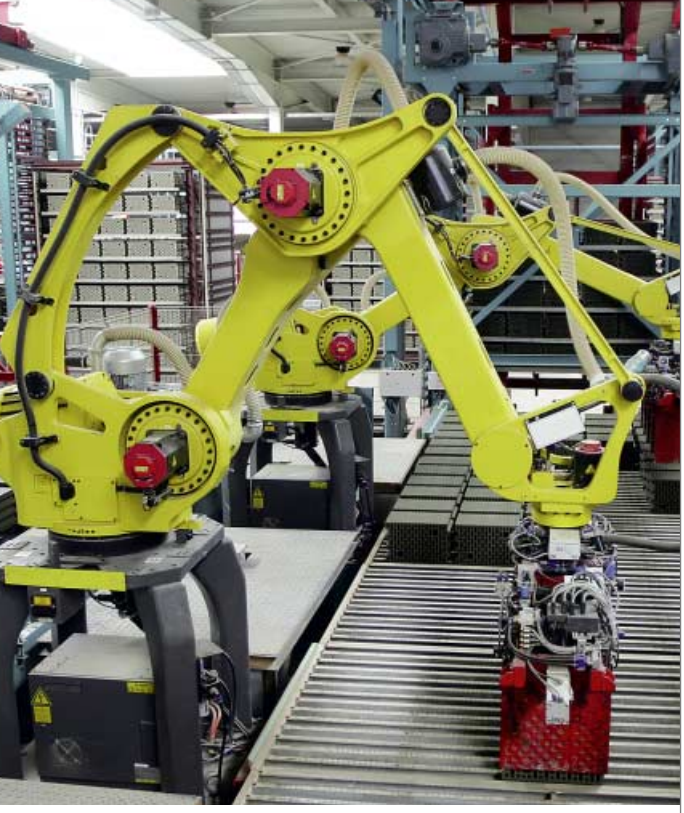
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CUSTOM DESIGN

MODULbus
The Mezzanine Standard









Software Support
The MODULbus hardware platforms and I/O modules are supported by a wide range of software products. The most common real time operating system VxWorks, OS-9 and pSOS+ for the VMEbus and CompactPCI based carrier boards offers a development system level as well as target applications. Software drivers for VxWorks, OS-9, pSOS+, Linux, QNX and Windows NT/2000 are available for the corresponding non-intelligent platforms supporting all I/O modules. Thus, system integration of the complete MODULbus product family is simplified and system integration costs are reduced to a minimum. All software drivers are offered including documentation and at a low price. Please request additional information.

Simple to use
All this together makes the difference in the MODULbus concept. High functionality, simple to use and short design-in phases save important development time and guarantee a shorter time gap between design idea and end-product.

PCI Carrier Boards

MOD-PCI

- non-intelligent PCI carrier board with two MODULbus+ sockets
- extended height short form factor
- 32 bit PCI 2.2 target interface (PLX 9030)
- 3.3V / 5V PCI interface
- only one PCI-bus slot occupied
- front panel connector of MODULbus socket 0 available at PCI bus bracket
- I/O connector of MODULbus socket 1 available on 16-pin flat cable connector at PCI-bus bracket
- interrupt sharing between the modules (each interrupt is individually maskable)
- supports MODULbus+ identification mechanism
- optional on board DC/DC converter to supply analog modules

MOD-PCI4

- non-Intelligent PCI-bus carrier board with four MODULbus+ sockets
- extended height long form factor
- 32 bit PCI 2.1 target interface (PLX 9052)
- 5V PCI interface
- only one PCI slot occupied
- front panel connector of MODULbus socket 0 available at ISAbus bracket
- I/O connector of MODULbus socket 1 available on 16-pin flat cable connector at ISA bracket
- I/O connector of MODULbus sockets 2 and 3 are available at 20-pin flat cable headers
- interrupt sharing between the modules (each interrupt is individually maskable)
- supports MODULbus+ identification mechanism
- supports MODULbus+ user IO signals, which can also be linked to other MOD-PCI4 boards through a link connector
- optional on board DC/DC converter to supply analog modules

CompactPCI Carrier Boards

CMOD-IO

- by using the VMOD-ICAN3 host system does not need to handle the high interrupt CMOD-IO
- 6U CompactPCI non-intelligent carrier board for MODULbus
- 32 bit PCI 2.2 target interface (PLX 9030)
- 3.3V / 5V PCI interface
- single slot double euro card form factor
- 4 sockets for MODULbus I/O
- needs only one CompactPCI slot
- interrupt sharing between the four modules (interrupts individually maskable)
- supports MODULbus+ identification mechanism
- supports MODULbus+ user interconnect signals
- front panel connection of I/O signals
- rear panel connection of I/O signals via CompactPCI J4 connector
- optional on board DC/DC converter to supply analog modules

CMOD-3U

- 3U CompactPCI non-intelligent carrier board for MODULbus
- 32 bit PCI 2.2 target interface (PLX 9030)
- 3.3V / 5V PCI interface
- 1 socket for MODULbus I/O
- needs only one CompactPCI-slot
- interrupt sharing between the four modules (interrupts individually maskable)
- supports MODULbus+ identification mechanism
- front panel connection of I/O signals
- optional on board DC/DC converter to supply analog modules

Artisan Technology Group is an independent supplier of quality pre-owned equipment

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