Dynamic Engineering

VME Product Line

Complete product data and manuals are available on our website.

http://www.dyneng.com/vme.html

Dynamic Engineering enjoys a sterling reputation as a result of providing quality products and excellent service for over 20 years.

Dynamic Engineering is the Embedded Solution Center. We specialize in providing embedded solutions to integrators and designers. Dynamic Engineering is an expert with mezzanine modules (cPCI, custom, IndustryPack, PCI-104, PClexpress, PCI, PMC, VME). System engineers can mix and match different functions under different system architectures.

System designers can port solutions between different architectures quickly and easily with mezzanine designs and modular software.

Solutions offered include Custom Design, Analog I/O, Digital I/O, Serial I/O, Control, Bus Interface, Robotics, Telephony, Networking and more.
## Table of Contents

**VME**
- VME-6U-COOL  Fan Board with up to 12 Positions .................................................................3

**Hardware Development Products**
- HDEterm68  68 Position SCSI II/III Adapter to Terminal Strip breakout w/ DinRail Option ........3
- HDEcabl68  68 Pin SCSI II/III Cable ......................................................................................3
- DINterm64  64 Position Ribbon Cable to Terminal Block Breakout ........................................3
- DINribn64  64 Position Ribbon Cable with Strain Relief .........................................................4
Linux and Windows® driver(s) available for many Dynamic Engineering products

VME

VME-6U-COOL  Fan Board with up to 12 Positions
http://www.dyneng.com/vme_6u_cool.html
VME-6U-COOL has 12 positions for Fans to be mounted. In a chassis with adequate side wall venting all of the positions can be filled. For a chassis with sealed side walls and lid at most 6 positions should be filled to allow for air recirculation. The fans can be mounted to blow from the back to the front [Forward] or from front to back [Reverse]. VME 6U Cool board shown with 4 “zero slot fans”™ installed.

Hardware Development Products

HDEterm68  68 Position SCSI II/III Adapter to Terminal Strip breakout w/ DinRail Option
http://www.dyneng.com/HDEterm68.html
Two SCSI II compatible connectors interconnected with a 68 position terminal block. The SCSI connectors are connected to the screw terminals and to each other 1:1. The “in” SCSI connector is connected to the screw terminals and then to the “out” connector. Test point positions and land patterns are provided to support loopback testing and special termination requirements.

HDEcabl68  68 Pin SCSI II/III Cable
http://www.dyneng.com/HDEcabl68.html
SCSI compliant cable with either latch block or screw terminal retention. Cables are stocked in the 3 and 6-foot lengths. Custom lengths and connectors available.

DINterm64  64 Position Ribbon Cable to Terminal Block Breakout
http://www.dyneng.com/DINterm64.html
Ribbon cable headers are commonly used with VME compatible hardware. Ribbon cable is difficult to connect to other hardware, especially if multiple destinations are involved. The DINterm64 converts from 64 pin ribbon cable to a 64 pin terminal strip. Discrete wires are easily connected with the screw locks on the terminal strip.

The DINterm64 provides a space efficient, low cost method of interconnecting the control electronics to the rest of the sensors, IO, machinery etc.
64 Position Ribbon Cable with Strain Relief

http://www.dyneng.com/DINribn64.html

The DINribn64 cable set is designed to interconnect devices using 64 connection DIN connectors. Rows A and C are utilized. Many Dynamic Engineering products have this connector system as well as products from third parties for VME systems. Utilize the DINribn64 cable to connect the DINterm64 to the PCIBPMC, PCIBPMCX2, PCI2PMC etc. A snap together breakout system with DIN rail capability is created with these components. You can also use the DINribn64 to interconnect your rear IO VME hardware to the DINterm64 or other breakout device.