



# 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

<b>VME</b>		<b>3</b>
VME-6U-COOL	Fan Board with up to 12 Positions.....	3
<b>Hardware Development Products</b>		<b>3</b>
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

## VME

### VME-6U-COOL



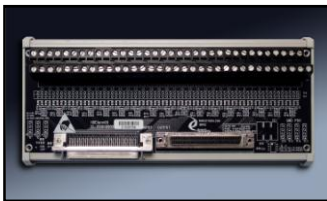
#### Fan Board with up to 12 Positions

[http://www.dyneng.com/vme\\_6u\\_cool.html](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 re-circulation. 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 loop-back 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



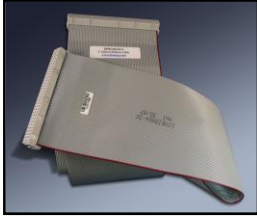
#### 64 Position Ribbon Cable to Terminal Block Breakout

<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.

### DINribn64



### 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.