

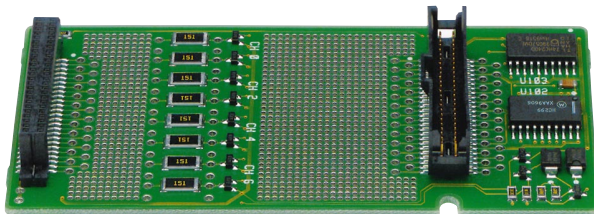
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# Breadboard SCP HP E1504A

## Technical Specifications

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- Use with HP E1313A/E1413C/E1415A/E1419A
- Eight input channels
- Create custom signal conditioning
- Input over-voltage protection



HP E1504A

## Description

The HP E1504A Breadboard SCP allows you to create custom signal conditioning on up to eight channels. The board is primarily designed to help you implement custom filters and attenuators. Included on the board is over-voltage input protection circuitry and SCP identification circuitry. The remainder of the board area is for your custom circuitry.

Use the HP E1504A with the following VXI modules:

Model	Description
HP E1313A	32-Channel Scanning A/D Converter
HP E1413C	64-Channel Scanning A/D Converter
HP E1415A	Algorithmic Closed Loop Controller
HP E1419A	Multifunction Measurement and Control Module

Refer to the HP Website for instrument driver availability and downloading instructions, as well as for recent product updates, if applicable.

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## Product Specifications

The HP E1504A Breadboard SCP provides six square inches of board space for user-supplied custom circuitry. Up to eight FET multiplexer channels can be accessed. Includes + 5 V and  $\pm 19$  V supplies and over-voltage protection.

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## Ordering Information

Description	Product No.
Breadboard SCP	HP E1504A

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## Related Literature

*1998 Test System and VXI Products Data Book*,  
HP Pub. No. 5966-2812E

*1998 Test System and VXI Products Catalog*,  
HP Pub. No. 5966-2815

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## Warranty

Standard Hewlett-Packard VXIbus hardware products are warranted against defects in materials and workmanship for a period of three years unless otherwise noted. HP software and firmware products that are designated by HP for use with a hardware product, when properly installed on that hardware product, are warranted not to fail to execute their programming instructions due to defects in materials and workmanship.

For a complete and detailed warranty statement please see the *HP Test System and VXI Products Data Book* or visit the HP Website at <http://www.hp.com/go/vxi>.

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## HP Website Directory

Main HP Website  
<http://www.hp.com>

HP Test and Measurement  
<http://www.hp.com/go/tmdir>

HP VXI Product Information  
<http://www.hp.com/go/vxi>

HP VXI Channel Partners  
<http://www.hp.com/go/vxichanpart>

HP VEE Application Website  
<http://www.hp.com/go/hpvee>

Data Acquisition and Control Website  
[http://www.hp.com/go/data\\_acq](http://www.hp.com/go/data_acq)

HP Instrument Driver Downloads  
[http://www.hp.com/go/inst\\_drivers](http://www.hp.com/go/inst_drivers)

**For more information about Hewlett-Packard test & measurement products, applications, services, and for a current sales office listing, visit our website, <http://www.hp.com/go/tmdir>. You can also contact one of the following centers and ask for a test and measurement sales representative.**

### United States:

Hewlett-Packard Company  
Test and Measurement Call Center  
P.O. Box 4026  
Englewood, CO 80155-4026  
1 800 452 4844

### Canada:

Hewlett-Packard Canada Ltd.  
5150 Spectrum Way  
Mississauga, Ontario L4W 5G1  
(905) 206 4725

### Europe:

Hewlett-Packard  
European Marketing Centre  
P.O. Box 999  
1180 AZ Amstelveen  
The Netherlands  
(31 20) 547 9900

### Japan:

Hewlett-Packard Japan Ltd.  
Measurement Assistance Center  
9-1, Takakura-Cho, Hachioji-Shi,  
Tokyo 192, Japan  
Tel: (81) 426 56 7832  
Fax: (81) 426 56 7840

### Latin America:

Hewlett-Packard  
Latin American Region Headquarters  
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### Australia/New Zealand:

Hewlett-Packard Australia Ltd.  
31-41 Joseph Street  
Blackburn, Victoria 3130  
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1 800 629 485

### Asia Pacific:

Hewlett-Packard Asia Pacific Ltd.  
17-21/F Shell Tower, Times Square,  
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HP Publication No.: 5966-2388E