Agilent 4294A Revision 01.04 Firmware
Installation Kit (04294-65401)

Installation Manual

Agilent Technologies

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Typeface Conventions

Bold	Boldface type is used when a term is defined. For example: **icons** are symbols.
Italic	Italic type is used for emphasis and for titles of manuals and other publications.
[Hardkey]	Indicates a hardkey labeled "Hardkey."
Softkey	Indicates a softkey labeled "Softkey."
[Hardkey] - **Softkey1** - **Softkey2**	Indicates keystrokes **[Hardkey]** - **Softkey1** - **Softkey2**.

Safety Symbol

General definitions of safety symbols used on the instrument or in manuals are listed below.

⚠ Instruction Manual symbol: the product is marked with this symbol when it is necessary for the user to refer to the instrument manual.

∼ Alternating current.

⎓ Direct current.

❘ On (Supply).

○ Off (Supply).

⏻ In position of push-button switch.

⏼ Out position of push-button switch.

⏚ Frame (or chassis) terminal. A connection to the frame (chassis) of the equipment which

normally include all exposed metal structure.

WARNING	**This warning sign denotes a hazard. It calls attention to a procedure, practice, condition or the like, which, if not correctly performed or adhered to, could result in injury or death to personnel.**
CAUTION	This Caution sign denotes a hazard. It calls attention to a procedure, practice, condition or the like, which, if not correctly performed or adhered to, could result in damage to or destruction of part or all of the product.
NOTE	Note denotes important information. It calls attention to a procedure, practice, condition or the like, which is essential to highlight.

1 General Information

Introduction

This chapter describes the Kit and lists the contents of the Kit.

The Firmware Installation Kit

The purpose of this kit is to install the firmware to 4294A. The kit is used for firmware upgrades, and for firmware installation after repairing the A1 CPU board.

Contents of the Firmware Installation Kit

See Table 1-1 for the kit contents. If anything is missing, contact the nearest Agilent Technologies office.

Table 1-1

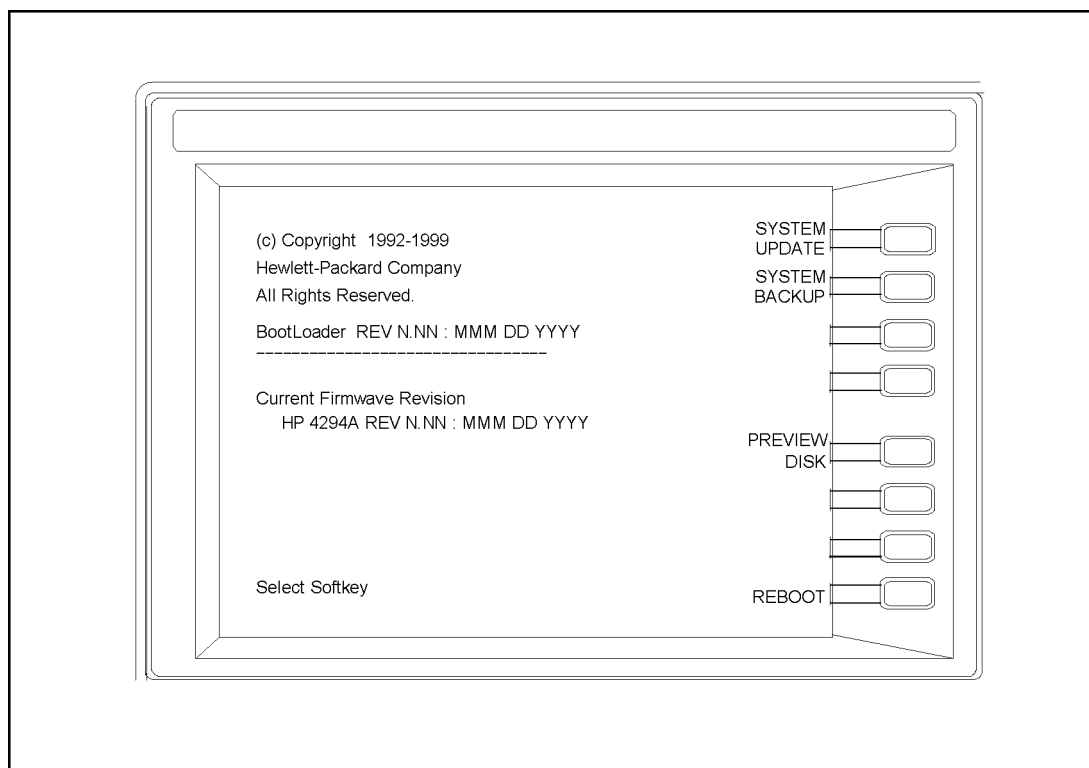| Part Number	Description	Qty.
04294-18016	Flexible Disk (Rev 01.04)	1
5183-4090	Label "Firmware Rev 01.04"	1
04294-90112	Installation Manual (This manual)	1

2 Installation

Introduction

This chapter describes the firmware installation procedure.

Firmware Installation Procedure

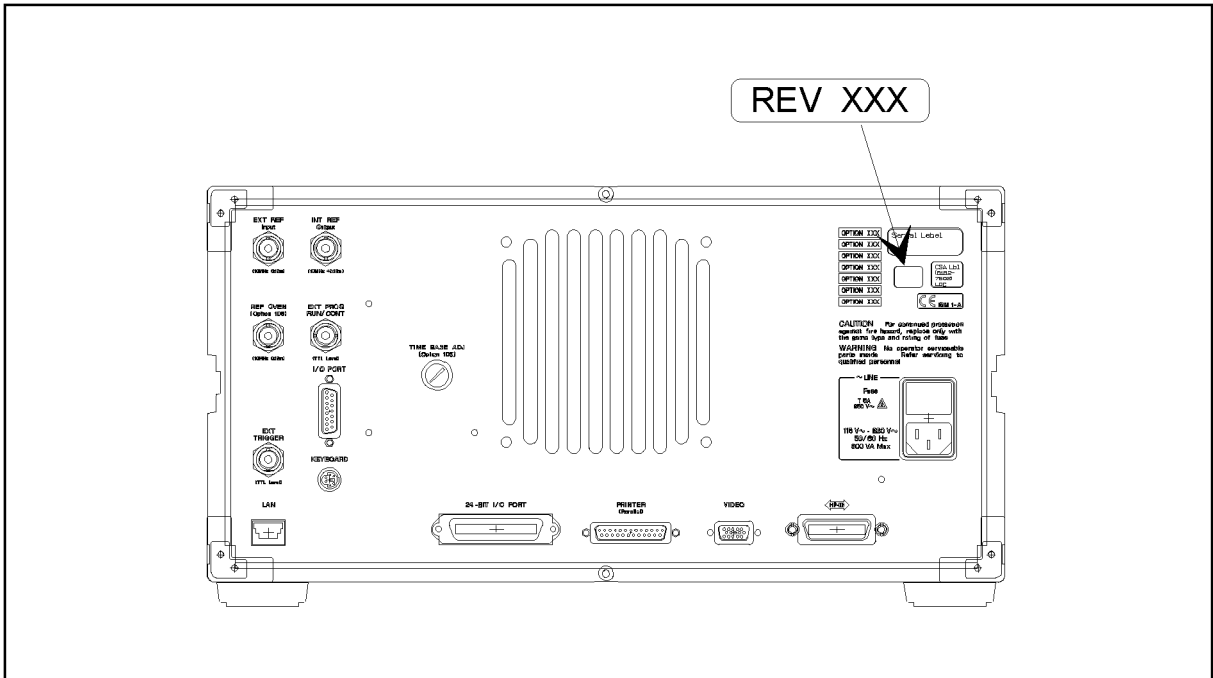Perform the following steps to install the firmware into the 4294A.

1. While pressing **[Preset]** key, turn on the 4294A. The bootloader screen as shown in Figure 2-1 will be displayed.

Figure 2-1   **Bootloader Menu Screen**


```
(c) Copyright  1992-1999                          SYSTEM
Hewlett-Packard Company                           UPDATE
All Rights Reserved.                              SYSTEM
                                                  BACKUP
BootLoader  REV N.NN : MMM DD YYYY
--------------------------------

Current Firmwave Revision
    HP 4294A REV N.NN : MMM DD YYYY
                                                  PREVIEW
                                                  DISK



Select Softkey                                    REBOOT
```

4294asfw002

2. Insert the furnished flexible disk into the disk drive.

3. Press **PREVIEW DISK**. The update disk revision will be displayed.

4. Confirm the displayed "Update Disk Revision" is 01.04 and press **Return**.

5. Press **SYSTEM UPDATE**, **CONTINUE** to install the 4294A firmware from the flexible disk to the 4294A flash memory. It will take about a few minutes.

6. After "Update Complete" is displayed, press **REBOOT** to reboot the 4294A.

7. Press **[System]**, **FIRMWARE REVISION** to confirm the current firmware revision. If "POWER ON TEST FAILED" isn't displayed on the LCD and the new firmware revison is correctly displayed, the firmware installation is successfully completed.

8. Put the firmware revision label on the 4294A's rear panel as shown in Figure 2-2.

Figure 2-2   **Location of the Firmware Revision Label**

4294asfw001

NOTE   The Firmware Installation Kit can be used to install the firmware into more than one unit of the 4294A. In this case, order additional firmware revision labels (Agilent P/N: 5183-4090).