

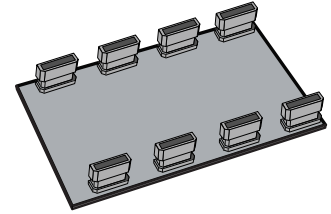
Congratulations on your purchase of a BPM Microsystems device programmer. Your new device programmer was designed to provide years of support for thousands of devices, with the use of optional socket cards. Before you get started, please take the time to carefully read the following instructions that will guide you toward a successful programming operation.

This Quick Start Guide applies to the **2800**, the **Flashstream<sup>®</sup> 2800F** and the **Flashstream<sup>®</sup> 2800F-MK2**.



## [A] INVENTORY

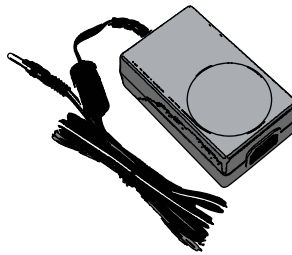
Check to make sure all items were included in package. For missing items, please contact a BPM Microsystems Customer Service Representative.



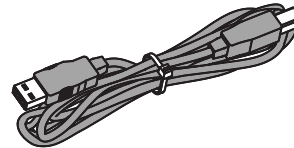
Diagnostic Socket Card  
(For Diagnostic Socket Card instructions, please refer to BPWin HELP)



Concurrent Programmer



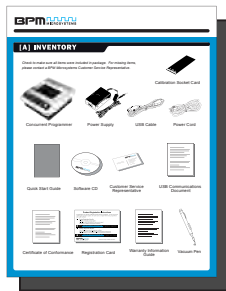
Power Supply



USB Cable



Power Cord



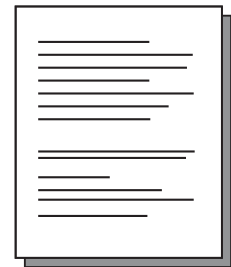
Quick Start Guide



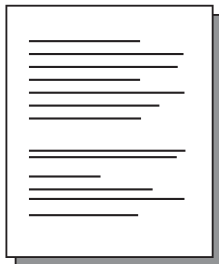
Software CD



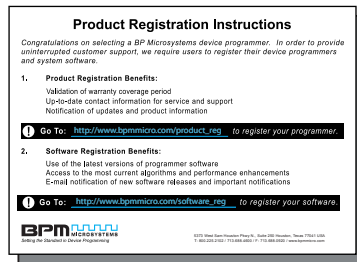
Customer Service Representative



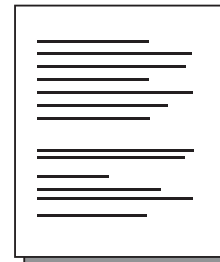
USB Communications Document



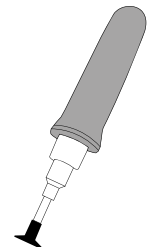
Certificate of Conformance



Registration Card



Warranty Information Guide

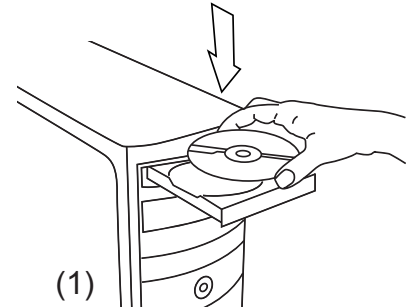


Vacuum Pen

# 2800 Series Device Programmer

## [B] SETUP

1. Place BPWin software CD in the PC CD-ROM drive or download software from [www.bpmmicro.com](http://www.bpmmicro.com).
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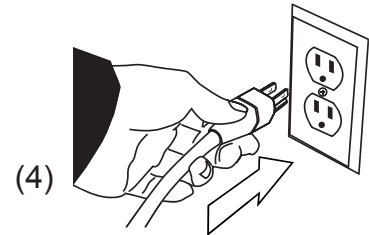


2. Follow on-screen instructions to install BPWin software.
- 

(2)



3. Restart your PC.
- 



4. Directly connect power cord from programmer to outlet.
- 

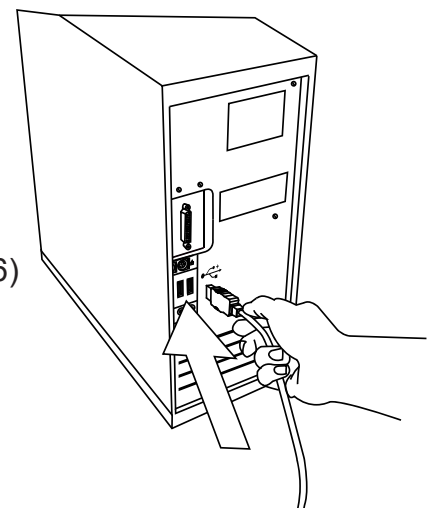
(5)



5. Directly connect USB cable to type B USB port on back of programmer.
- 

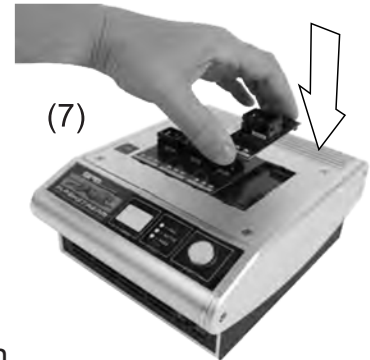
6. Directly connect USB cable to type A USB port on PC.  
(USB 2.0 port recommended for optimal performance)

(6)

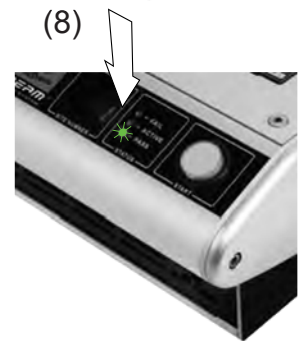


## [B] SETUP

7. Insert socket card(s) on the programmer.
- 



8. Turn programmer on and wait for green pass LED to remain on.
- 



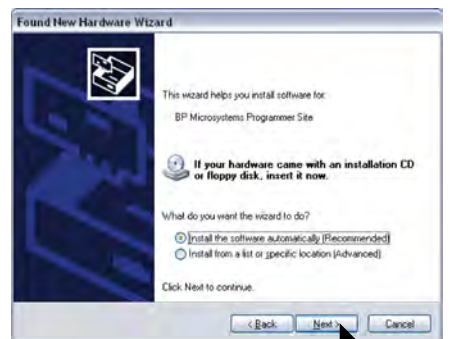
9. Follow on-screen instructions to install USB drivers for the programmer.
- 

10. In the Found New Hardware Wizard Window, Click on **"No, not this time"** selection and Click **Next**. (*Windows XP, Service Pack 2 users only, others proceed to step 11.*)
- 



(10)


11. Select **"Install software automatically"** and Click **Next**.
- 



(11)

## [B] SETUP

12. Refer to on-screen information to verify driver installation
- 

13.  **IMPORTANT!** the *Found New Hardware Wizard* will launch for each individual programming site.

You must repeat a USB driver install for each programming site. Once the USB drivers are installed, the PC will recognize that the site(s) are connected at a later time.

If a different USB port on the PC is used, the *Found New Hardware Wizard* will launch and install new USB drivers.

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14. After Windows has completed the USB driver installation, Click *Finish*.
- 

15. Verify that all USB drivers are loaded correctly, recognized by Windows and attached. The programmer sites will be listed in *Windows Device Manager*. You can open the Device Manager in Windows with the *Windows+Break* keyboard combination. Click the *Hardware* selection. Expand the *BPM Microsystems* node. There should be a BPM Microsystems programmer site for each programmer site attached and turned on.

(12)



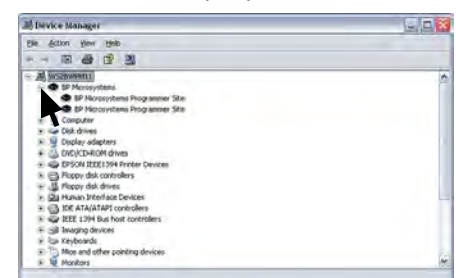
(13)



(14)



(15)



## [B] SETUP

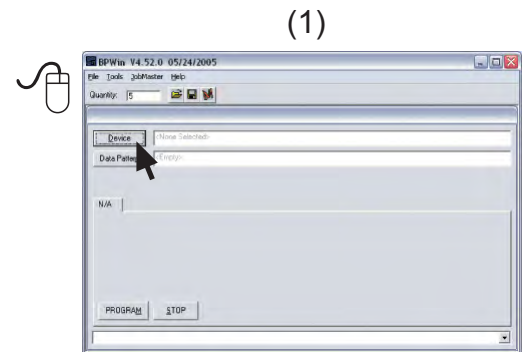
16. Launch BPWin software by double-clicking on the BPWin desktop icon or selecting BPWin from the Windows Start menu/Programs list.

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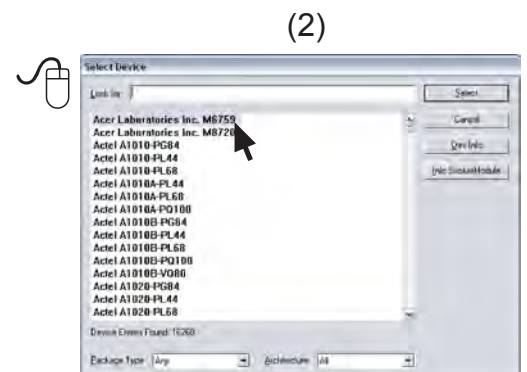
17. Check the software screen to make sure the software recognizes the programmer and socket card. Otherwise, you must perform the configure operation (Programmer, port and socket card should appear on the status bar of the BPWin software.)

## [C] PROGRAMMING A DEVICE

1. Click the **Device** button.



2. Select the device to be programmed.

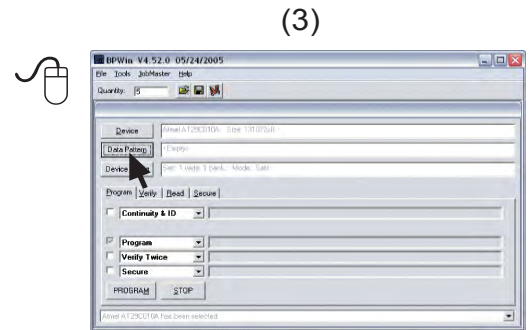




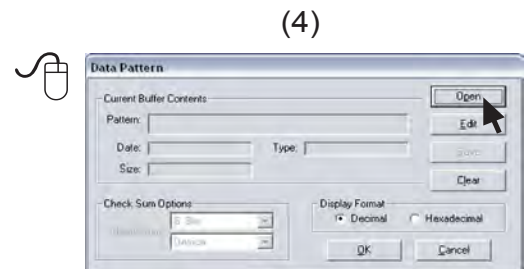
## [C] PROGRAMMING A DEVICE

3. Click the **Data Pattern** button.

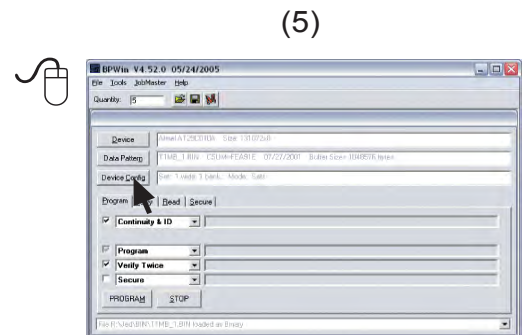
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4. Click the **Open** button for file to be loaded.
- Click the **Browse** button to search for file
  - Select file to be loaded
  - Choose appropriate settings
  - Click **OK**
  - Click **OK**
- 

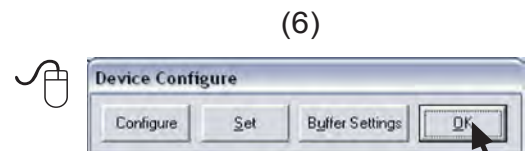


5. Click the **Device Config** button.  
(Be aware that some devices may require ranges to be set. Read Device Notes or contact BPM Microsystems Customer Service with questions.)
- 



6. Click **OK** when completed.

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7. Under the **Program** tab, choose appropriate settings for device operations.



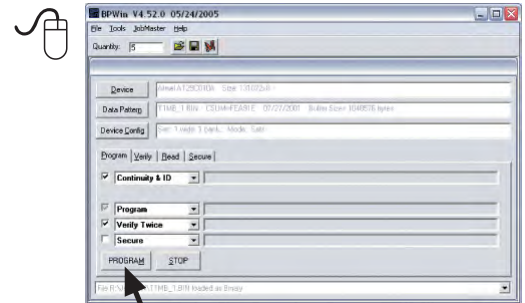
**[C] PROGRAMMING A DEVICE**

8. Select the number of devices to be programmed under the **Quantity** field.
  - Place the first device in the socket on site 1.
  - Click the **Program** button.
  - Press the **Start** button if quantity field is set greater than one.
  
9. Insert device into socket card. Click **OK** to program device.
  

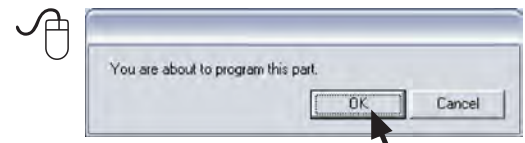

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10. After the green Pass or red Fail LED is lit, place a device in either site and press the **Start** button on the programmer.

(8)



(9)



(10)

