



## **Adding a VID/PID to the MacOS 9 Cypress MSC Driver**

1. Unstuff the *CypressMSC\_DrvrInstaller.hqx* file shown in figure 1. This will create a folder called *Cypress MSC Driver Installer* shown in figure 2.

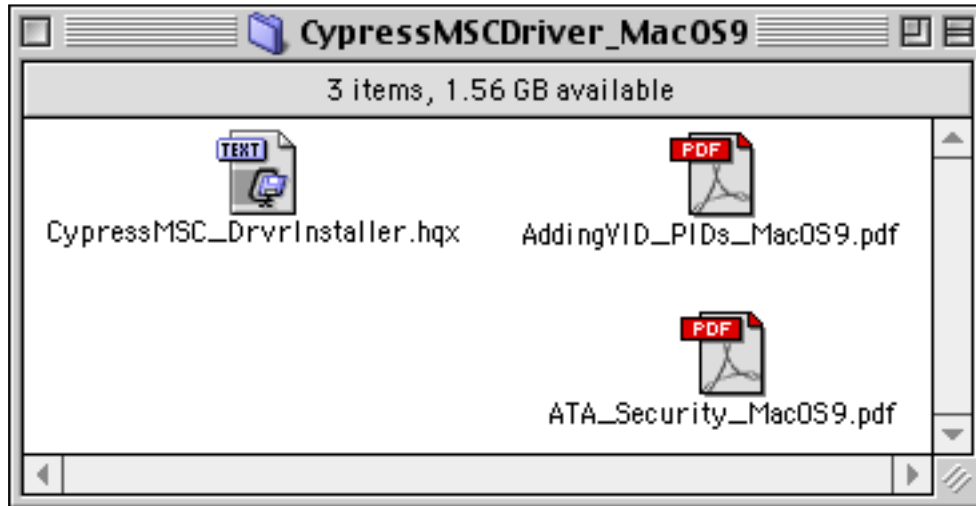


Figure 1

2. Rename the *Cypress MSC Driver Installer* folder to reflect your company's name (e.g. MyCompanyName MSC Driver Installer).
3. Open the *Cypress MSC Driver* shown in figure 2 using Apple's free resource editor ResEdit. To open the file, drag it to ResEdit's application icon.



Figure 2

You can download ResEdit from <http://developer.apple.com/tools/ResEdit213.hqx>

4. Double click on the USBL resource shown in figure 3a or 3b.

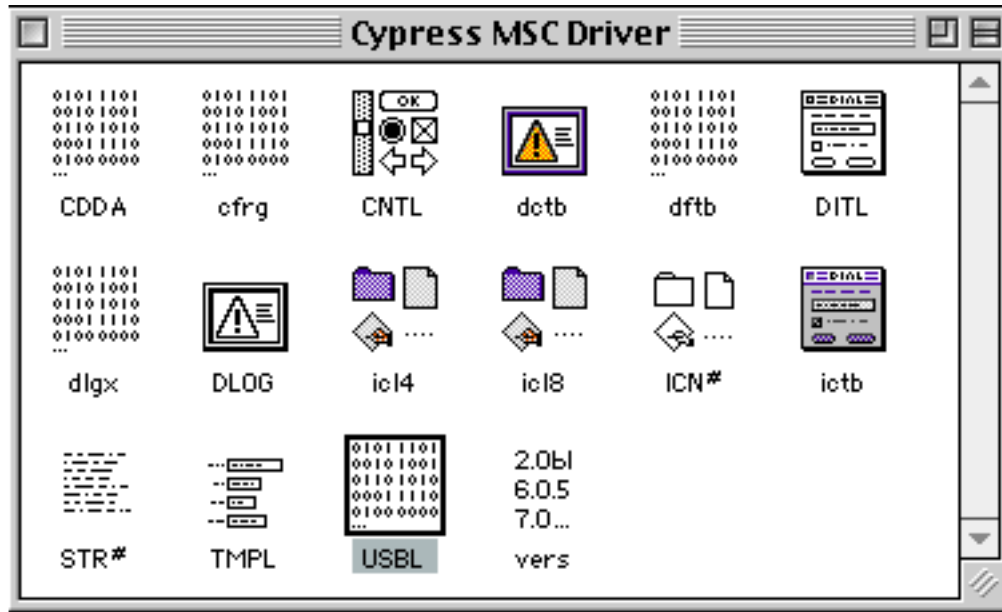
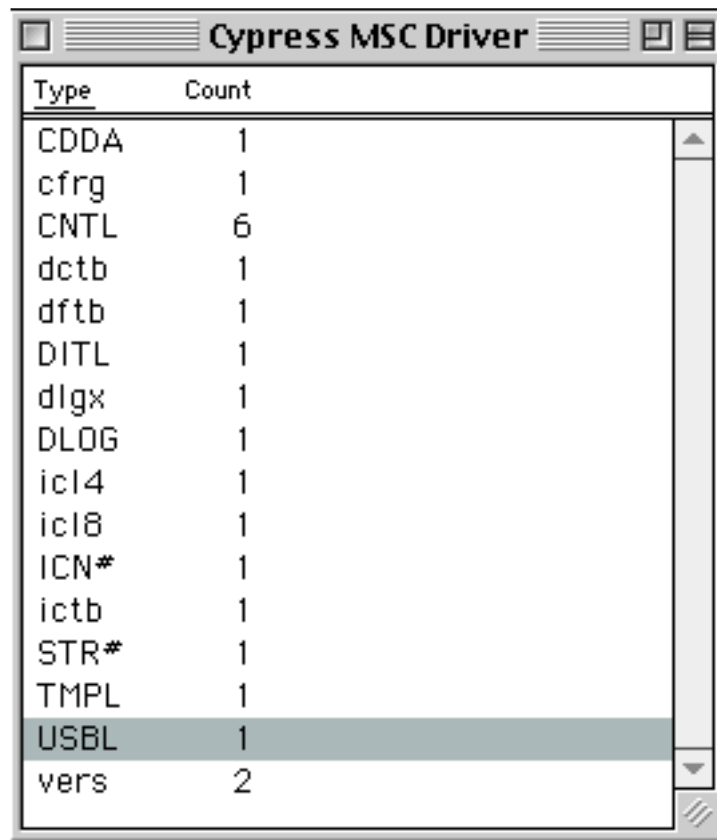


Figure 3a: View by Icon



Type	Count
CDDA	1
cfrg	1
CNTL	6
dctb	1
dftb	1
DITL	1
dlgx	1
DLOG	1
icl4	1
icl8	1
ICN#	1
ictb	1
STR#	1
TMPL	1
<b>USBL</b>	<b>1</b>
vers	2

Figure 3b: View by Type

- Double click on the USBL resource ID 128 shown in figure 4.

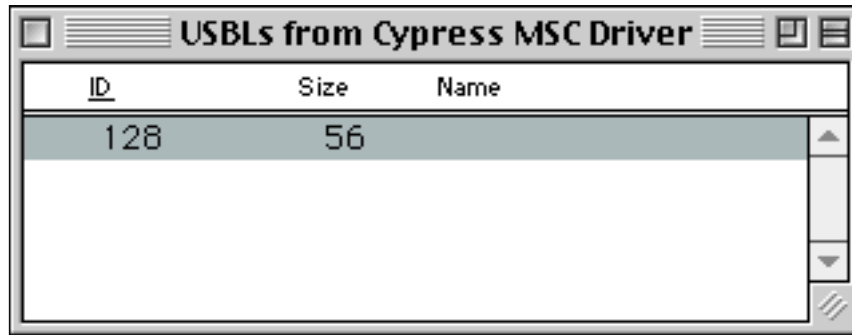


Figure 4

- Click on the 1) \*\*\*\*\* field in the USBL 128 resource window shown in figure 5.

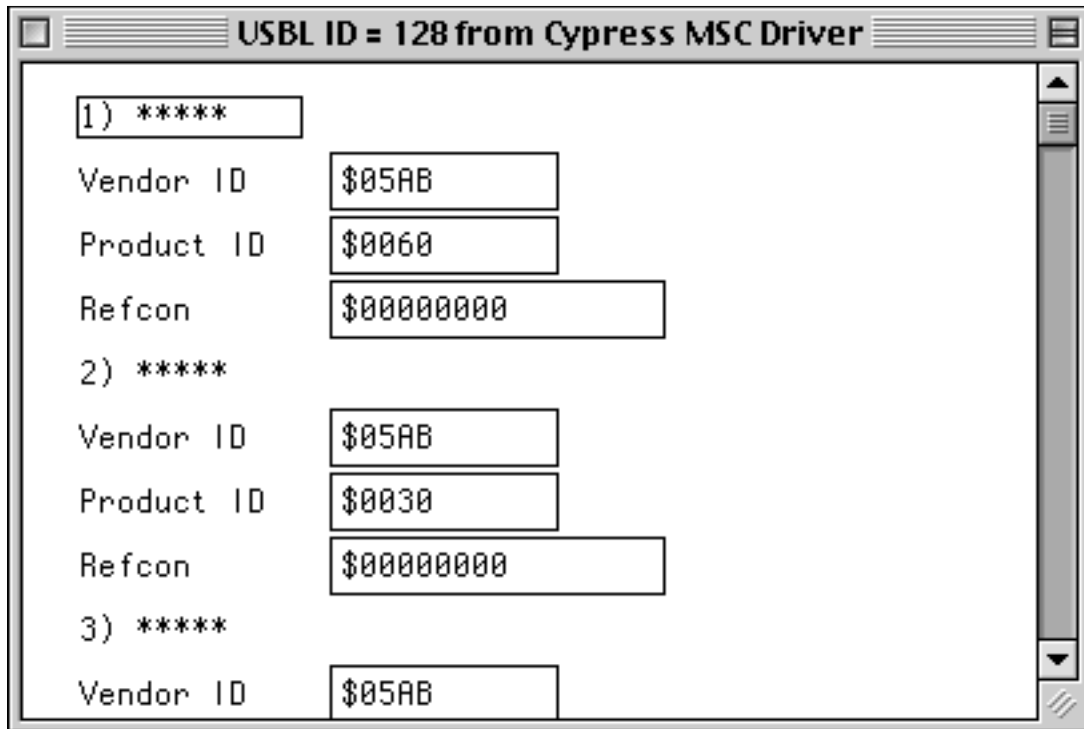


Figure 5

- Select *Insert New Field(s)* from the *Resource* menu. A new field will be created in the USBL 128 resource window shown in figure 6.

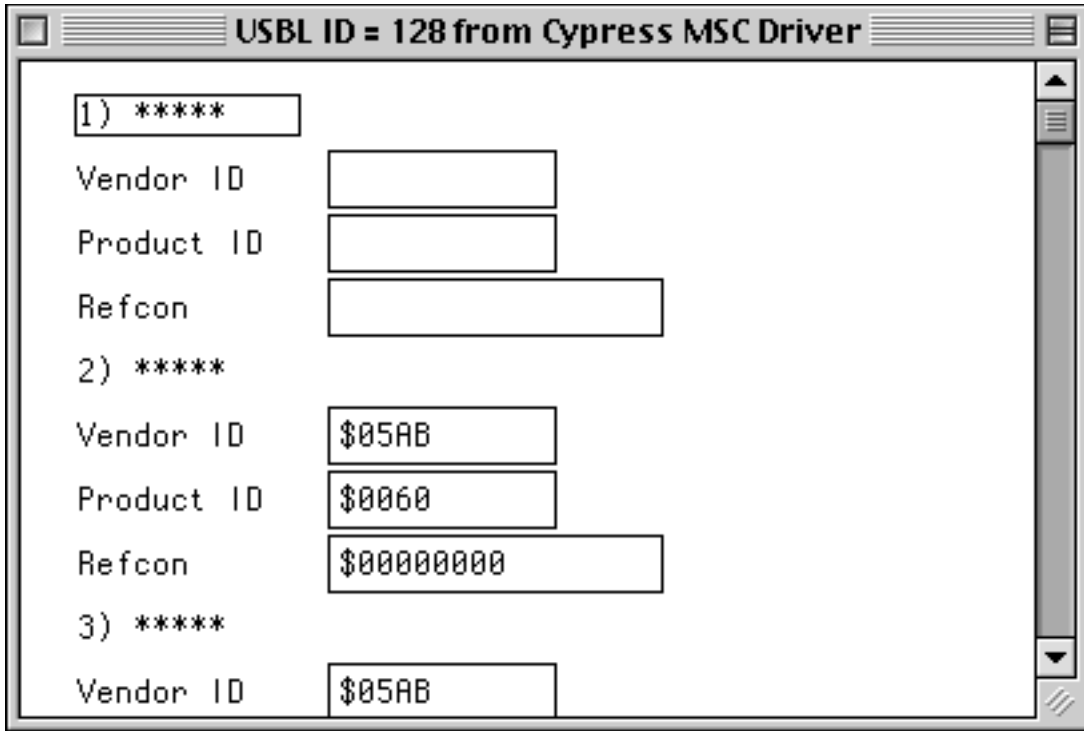


Figure 6

- Enter your VID and PID into the new *Vendor ID* and *Product ID* fields shown in figure 7. The values can be entered as hexadecimal (e.g. \$05AB) or decimal (e.g.1451).

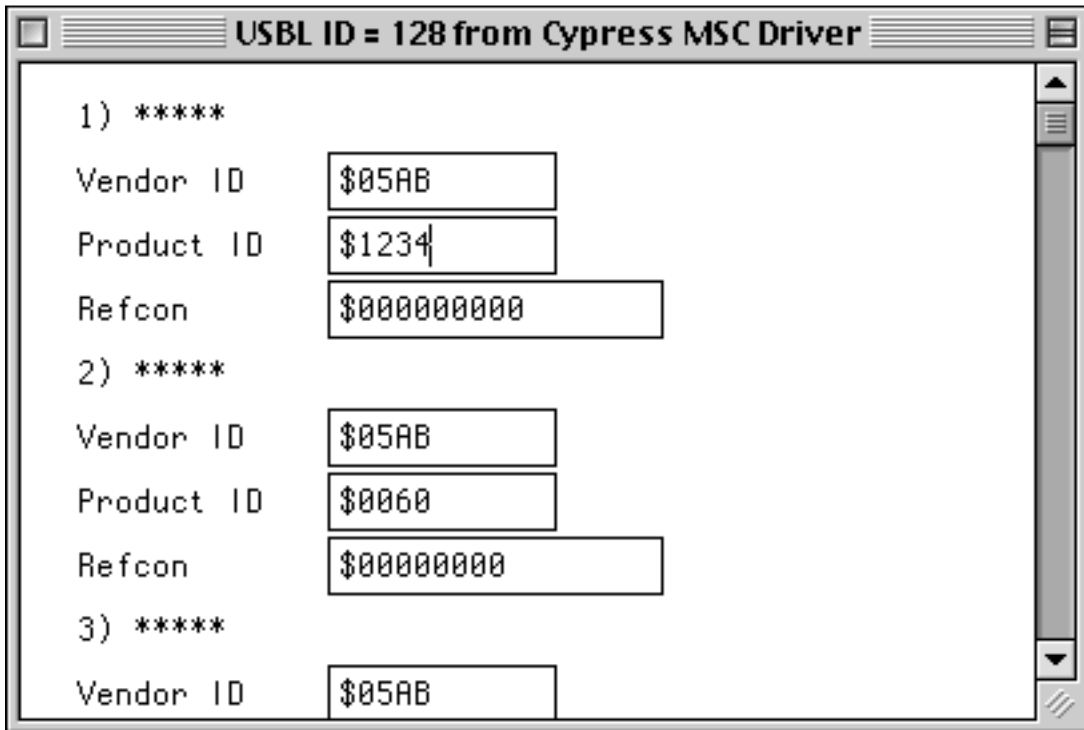


Figure 7

9. Save your changes and quit ResEdit.
10. Rename the USB driver extension, *Cypress MSC Driver*, shown in figure 8 to reflect your company's name (e.g. MyCompanyName MSC Driver).
11. Rename the installer script, *Install Cypress MSC Driver*, shown in figure 8 to reflect your company's name (e.g. Install MyCompanyName MSC Driver).



Figure 8

12. Open the newly renamed installer script using Apple's *Script Editor*. To open the installer script, drag the file to the *Script Editor*'s application icon. Do not double click on the installer script icon, this will run the installer script instead of opening it.

Note: The *Script Editor* application should be in the *Apple Extras* folder located on the Startup Volume.

13. Change the following lines in the installer script:

```
set thisScriptName to "Install Cypress MSC Driver"  
set driver to "Cypress MSC Driver"
```

Change the names in the quotes to reflect the newly created names from steps 10 and 11.

14. Save your changes and quit the *Script Editor* application.
15. Create a new *.hqx* file of the installer folder using a tool like Stuffit Lite™ from Aladdin Systems, <http://www.stuffit.com>.