

PSGROOVE INSTALL GUIDE FOR ATAVRXPLAIN BOARD

BY SORROWUK

This guide uses the ATAVRXPLAIN Board which uses an AT90USB1287 chip. This board can be purchased for around £30 in the UK. It is currently at the time of writing the most available board.

Currently available here - <http://uk.farnell.com/atmel/atavrexplain/kit-eval-xplain-for-atxmega128a1/dp/1778504>

But search around Google and you will find shops in your country that sell them.

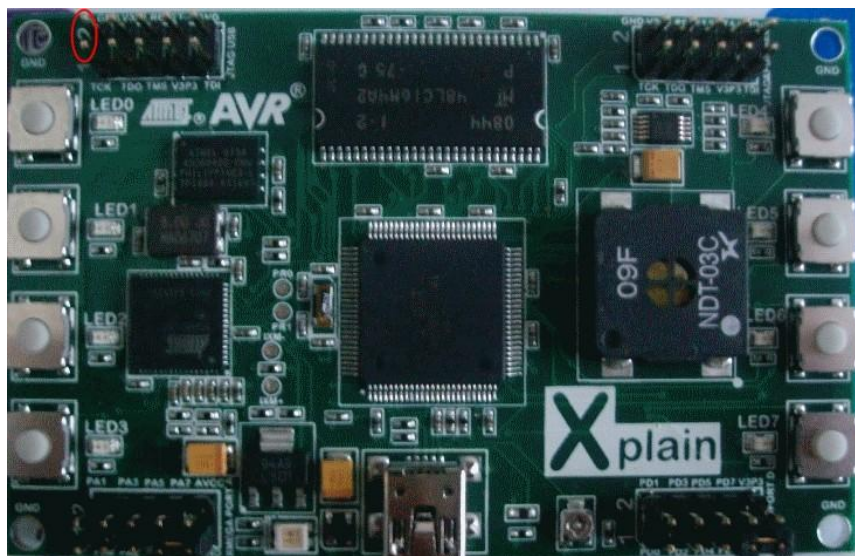
WHAT YOU NEED:

- Atmel Flip 3.41 Software - Download from here - http://www.atmel.com/dyn/products/tools_card.asp?tool_id=3886
- The [PSGROOVE-PATCHED-ATAVRXPLAIN.hex](#). Included in this zip. (This hex supports Backup Manager)
- An ATAVRXPLAIN Board
- PS3 on Firmware 3.41

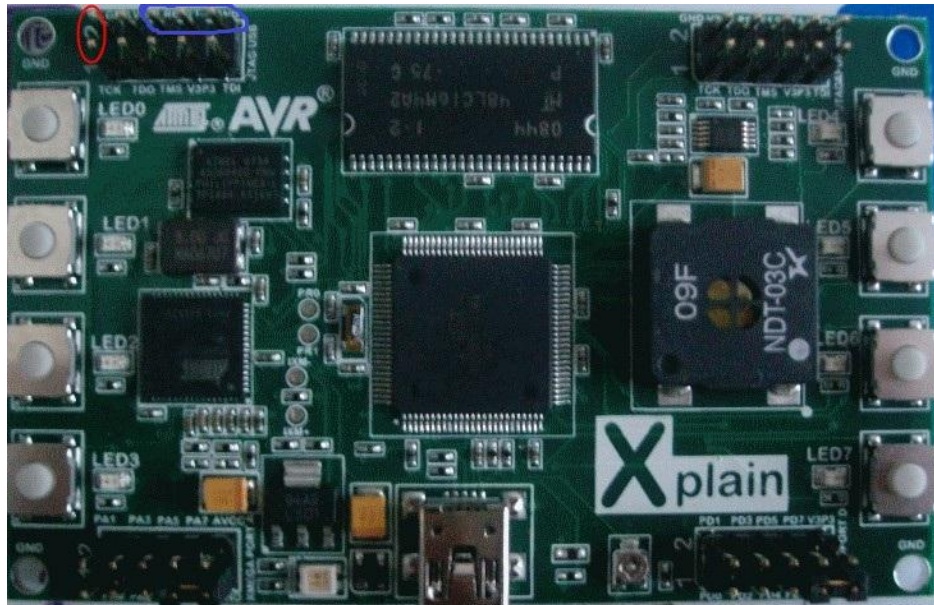
INSTRUCTIONS:

This guide is written for Windows 7 though will work with Linux with minor adjustments. Different Windows versions may need minor adjustments.

1. First install the Atmel Flip 3.41 Software. Get the version with java if you don't have the Java runtime installed on your pc.
2. Remove the 2 jumpers from your XPLAIN board that are normally installed when you get it.
3. Put one of the jumpers over PINS 1 + 2 (The pins circled in red on the picture) This will allow you to enter the programming mode to flash the chip.



4. Connect the board to your PC. It should detect it as an [Xplain USB Gateway](#). Don't install any driver for it yet. Just close the driver window if it comes up.
5. Open up Device Manager and you should see [Xplain USB Gateway](#) in the list.
6. Now you need to do the tricky step. You need to reset the device to get it into programming mode. To do this you need to connect the 3 pins (circled in blue below) together for around 4 seconds. Use something metal and hold it against these 3 pins. **Make sure you don't touch any other pins just those 3 circled in blue. You should still have a jumper connected over the 2 pins circled in red.**



7. You will know it's worked when Windows finds a new device. Should be named - **AT90USB128 DFU V1.0.2**
8. Right click it in device manager and choose update driver, choose "browse my computer" then click "Let me choose from a list". Click the "Have Disk" button then browse to C:\Program Files (x86)\Atmel\Flip 3.4.1\usb\
9. Select atmel_usb_dfu.inf
10. Choose AT90USB128 from the list and let it install.
11. It should install and should now be named AT90USB128 in device manager.
12. Now open up Atmel Flip 3.4.1 software and click the top left microchip icon button.
13. Select AT90USB1287
14. Now click the USB icon and click USB, then click open.
15. You know it's connected correctly if you see a value in Bootloader ver. in the right box. It doesn't matter what this value is just make sure there is one there.
16. Don't change any of the settings or boxes leave them on default.
17. Go to file and load hex and select the **PSGROOVE-PATCHED-ATAVRXPLAIN.hex** that was included in this zip.
18. Now simply press the **Run** button on the bottom left. If you get 3 green lights on the left after its completed then everything went fine.

19. **That's it! Done!** Now just remove the device from your pc. Remove the jumper from pins 1 + 2. There should be no jumpers on any of the pins now. And connect it to your ps3.
20. Remove the power plug from your ps3 then reinsert. Turn on the ps3 and then quickly press eject.
21. If the light on your board changes from orange to green that means it's worked and you have now jailbroken your ps3 and it is in dev mode. You should see an Install Packages icon etc.

Any problems, comments or talk write in this forum thread below.

<http://psx-scene.com/forums/showthread.php?t=65292>

OR

<http://www.ps3news.com/forums/ps3-guides-tutorials/how-jailbreak-ps3-atavrxplain-board-guide-hex-112365.html>

Guide by sorrowuk. Hope it helps