Pluto-IIx HDMI USB-C video test

This is a three-step process.



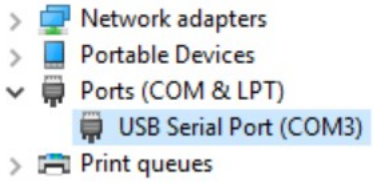
1. Get the files

Get the “FPGAconf.exe” software and the “HDMI.XC3S200.bit” file.

2. Connect the board

If the Pluto-IIx is installed in a GameCube or Wii, we recommend removing it from the console, or at least desoldering the VCC wire between the Pluto-IIx and the console (otherwise the Pluto board tries to power the whole console, which it is not designed to do).

Then connect the Pluto-IIx HDMI USB-C board to your computer (Windows 10/11) and check which new COM port appears in the Windows Device Manager.

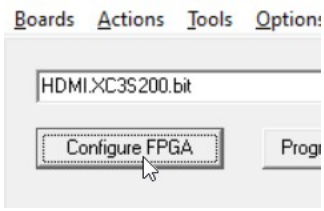


In this example, it is COM3.

3. Program the board

Run FPGAconf.

- In the “Boards” menu, select “Pluto-IIx (XC3S200) (USB-C)”.
- In the “Options” menu, select the right COM port.



Click “Configure FPGA” and select the “HDMI.XC3S200.bit” file.
After a few seconds, the FPGA is configured and the HDMI output shows a static pattern.

Note: “Configure FPGA” is temporary, as it doesn’t affect the boot-PROM. If the Pluto-IIx was programmed with GCVideo, it reloads its GCVideo configuration from the boot-PROM the next time it is powered up.

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