

GGNES Modder Edition 2nd Player SMS Games through ext port

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Below will show you how to wire the GGNES board into the ext port. With this, you'll be able to use a NES controller as second player in SMS games or wire in a different controller that uses HIGH/LOW button logic.



NES Controller for SMS two player games

*****WARNING*****

The 5V on the ext port doesn't have enough power for the GGNES. Below I'll describe how you can jumper more power to the GGNES through the ext port. If you do add this jumper, the extra power will be there for when you use 2 player

game gear to game gear games. I haven't yet tested this. When I do I'll update this warning here. You may want to add a switch to the jumper so you can turn the extra power on/off or just know not to use it for 2 player gear to gear games till its tested.

Also, hooking up the GGNES board this way will not allow the 2nd player to use start or reset.



5V power to ext port

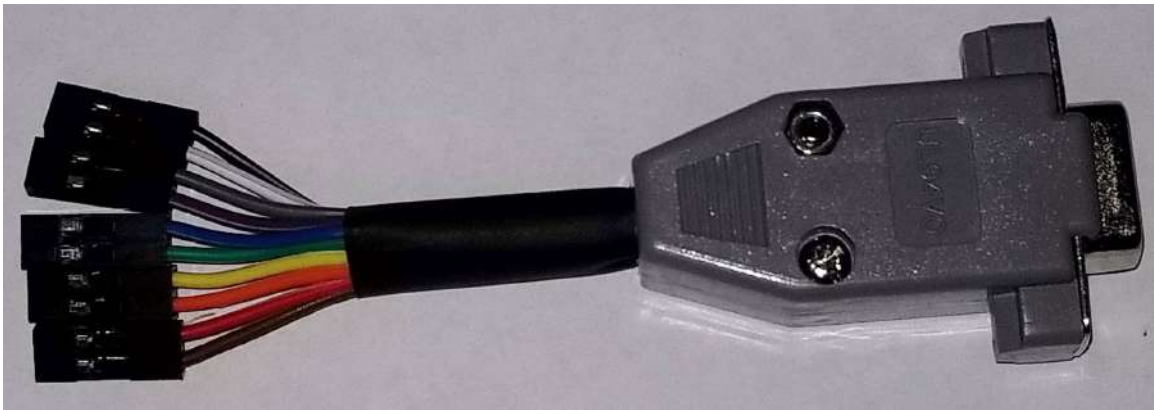
Cable to GGNES board adapter

The Game Gear ext port to db9 uses universal game pad pin out configuration on the db9 side. Below is this pin out and how you'll need to wire the female db9



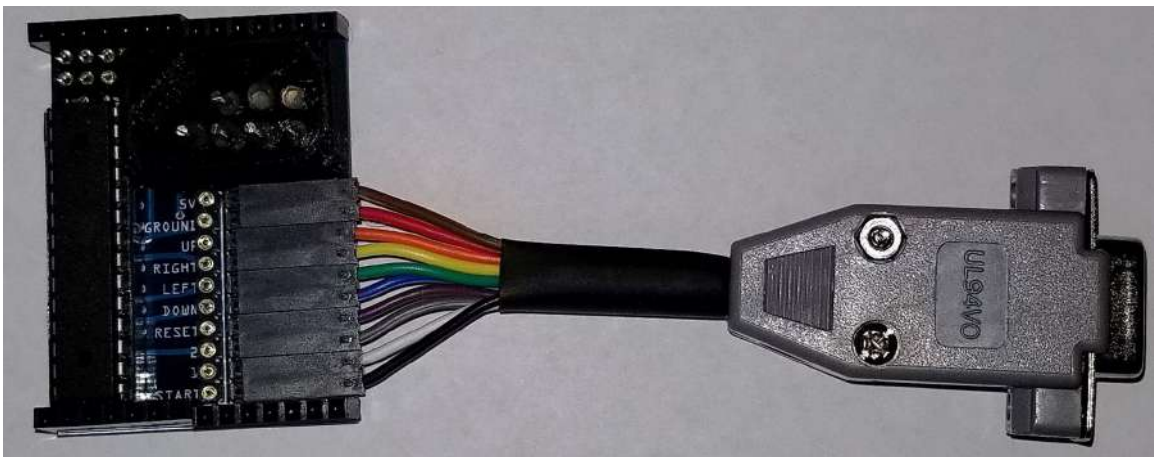
db9 pinout

Here is an example of female db9, 10cm female jumpers, heat shrink and



female db9 to GGNES

While building the adapter, make sure you write down what colors are for what pin. You can choose to have the start and reset wires hooked up on the GGNES side, but on the female db9 side they need to be disconnected.



db9 hooked up to GGNES

Enjoy playing 2player SMS games with NES controllers!

If you need parts to build this, I may have a kit in my shop.

<https://www.facebook.com/pg/gamegearconsole/shop/>