



**Important Notes**

- This is an untested preliminary schematic, I have only bread-boarded a prototype and this schematic is intended for reference only. Everything will need to be double checked if used for a PCB layout
- CPLD pin assignments will need to be changed for clean layout
- Good design practice, once CPLD pin assignments are set ground all unconnected input terminals to reduce possible noise issues
- In order to program the FTDI vinculum on a new PCB some simple pass-through logic will have to be loaded on the CPLD. This will allow the FTDI Vinculum to be programmed from the SLOT-2/GBA header with a FT232R.

Nintendo DS (Slot-2/GBA) to FTDI Vinculum interface	
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Schematic Ver: 0.1	
GBA_USB	
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