

This board has been based on: https://github.com/e-radionicacom/Lithium-ion-charger-with-protection---Eagle-files

The original power supply of the GBC provide an 3VDC input (2 AA batteries or an AC adapter) and provides the operating voltage for the Game Boy Color (5 VDC, - 15 VDC and 13.6 VDC). The minimum input voltage is 2 VDC and the maximum operating voltage is 4.6 VDC.