

Game Boy Pocket: Incompatibility board version MGB-CPU-01

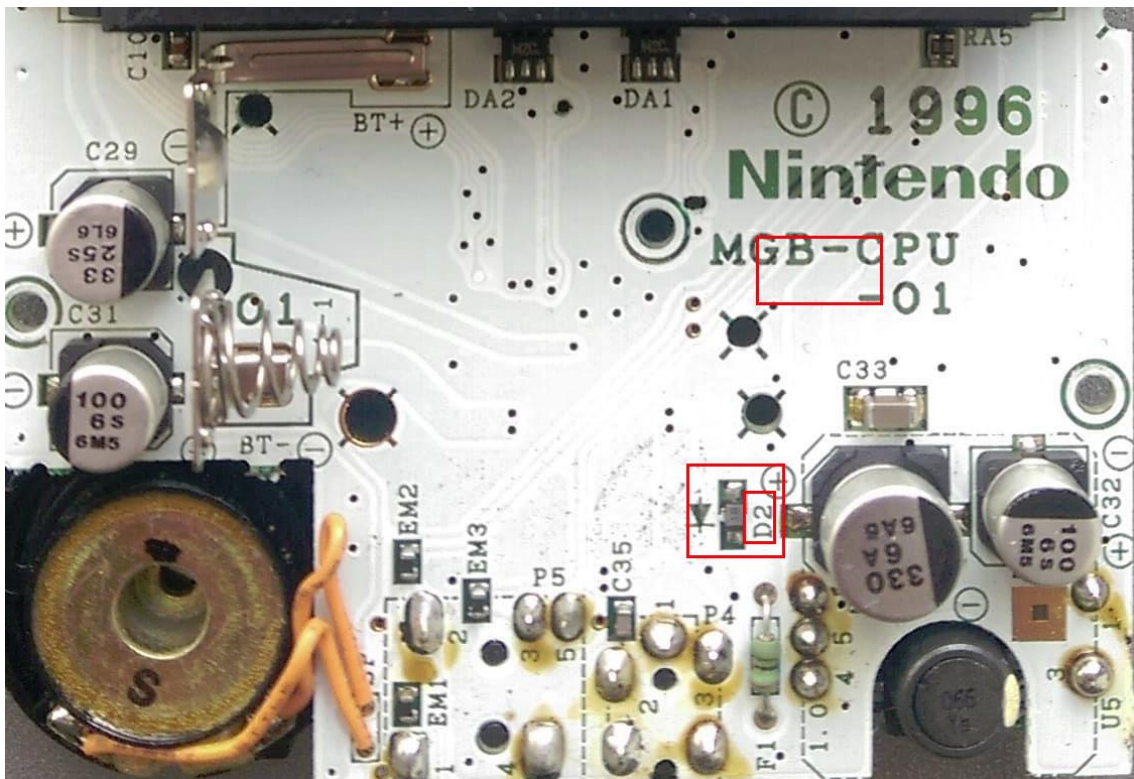
The charging kit has been designed to be compatible with the boards MGB-ECPU-01 & MGB-LCPU-02 or any other version with similar circuit. However, the GBP has many board revisions, and we know now, at least this one is not compatible: **MGB-CPU-01**

Not only the circuit has changed, but also the position of some electronic components:

The Diode D2 is here for the compatible boards:



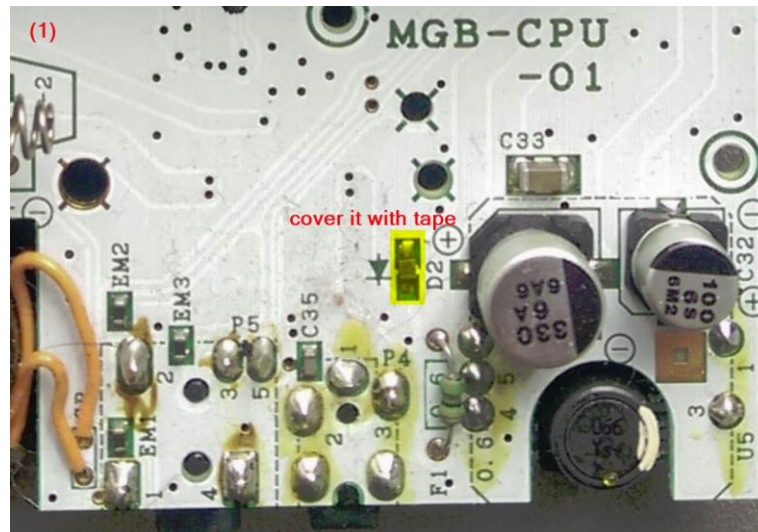
But for the **MGB-CPU-01** this component has been moved here:



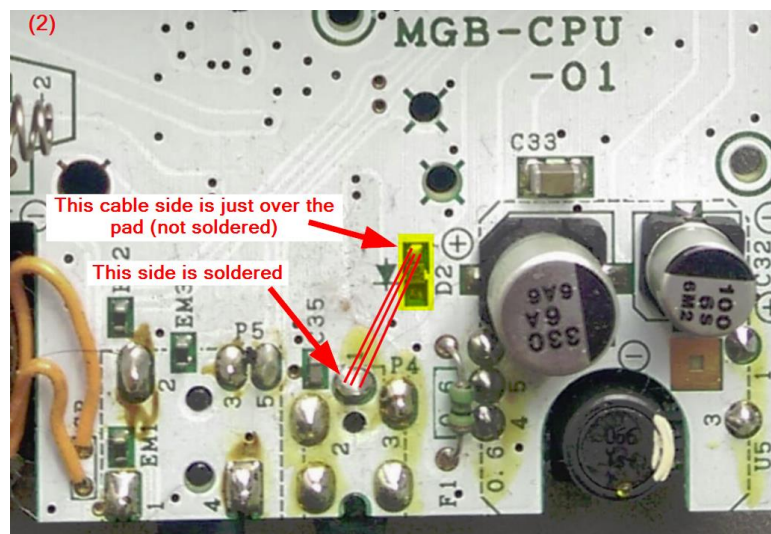
Modification to make it compatible with the kit

It's possible to make the board compatible with the kit, but you will need to add some extra cables.

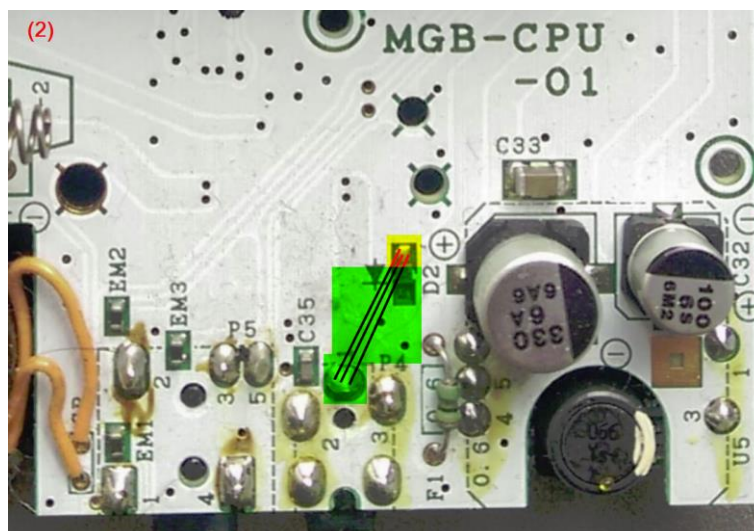
Step 1: After removing the D2 component, hide its pads with kapton tape like this:



Step 2: Now, solder a cable side from the highest pad of the DC jack and put the another cable side over the highest D2 pad (previously covered with tape):



Then, hold the cable with more tape but don't cover the highest part (in green color the second piece of tape).



Step 3: Solder the board on the GBP and solder the previous cables:

