

The NES 8 bit controller MP3 and SD Card reader in one:



Was made from a Cheap MP3 player the Sitecom cube for 10 euro at a local toy store. To make it better than the original it was modified by 3,5 jack cable and researchable whit mini-usb. It also has a 1G sm card than the old 128mb. It has a 5 hours of non-stop playback (but it possible to put in more power) 8bit Nes consoler from flew market for 5 euro. Also I had 3,5 jack from mediamarkt for 2,40



fig1 Sitecom Cube MP3 player



Fig2 3,5 jack because it is stronger than a plug also it is better looking

Extra For charging and more storage:

A 680 ohm resistor an diode 1n2XXX And 1G sd card form a broken digital camera

Total cost: 17,40 euro's

$$U_{\text{total}} = 5v_{\text{usb}} - 1,5v_{\text{batt}} = 3,5v$$

$$R = U/I \quad 3,5v_{\text{charging}}/50mA = 700 \text{ [e reeks = 680ohm]}$$

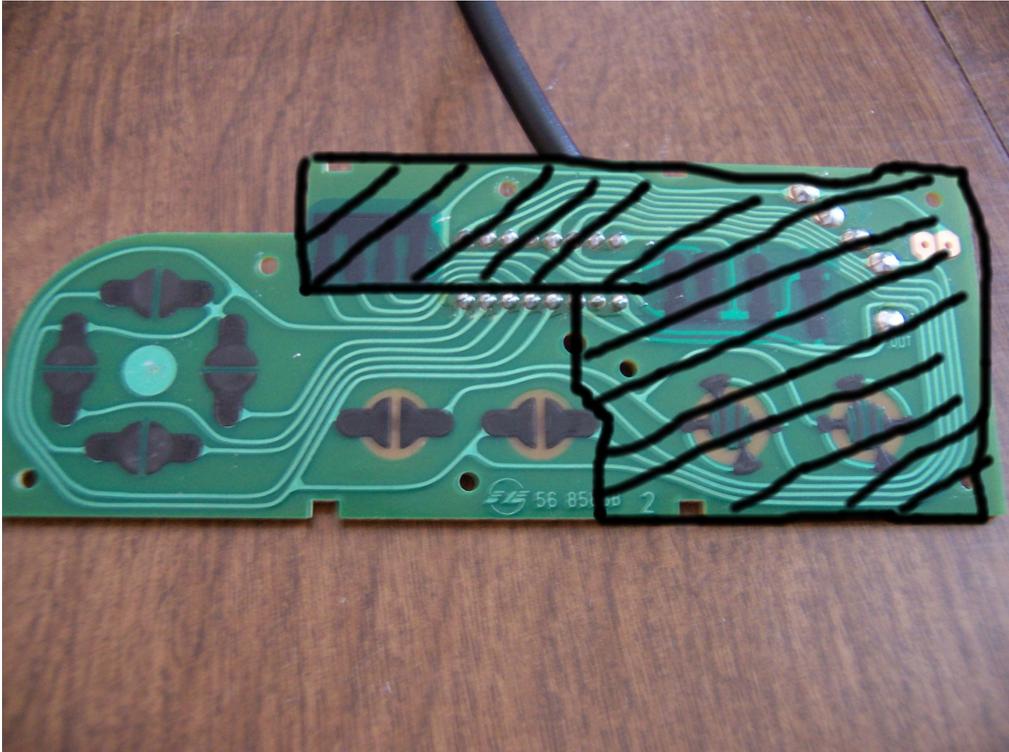
(3,5 - 0,7diode)

Table for Batt

My researchable batt was 800mA H

800mA H * 1/10 80mA = 10 hours charging
50mA = 18 ½ hours charging
40mA = 20 hours charging

The NES 8 bit controller MP3 and SD Card reader in one:



Chop the PCB nes8bit



Green GRN

Red = control (< ,> ,+ , -)

Red under = (Pause)

Pin lay out

1 ground

2 >

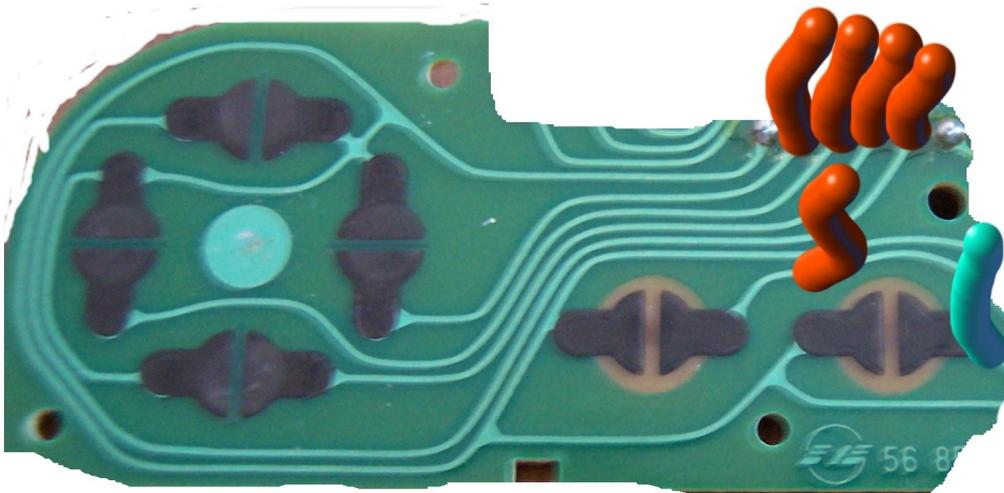
3 <

4-

5+

6 Pause

The NES 8 bit controller MP3 and SD Card reader in one:



Green (hold) extra when you don't want it to switch when it in you pocket



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fig5 Chop the mounting from the controller



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fig6 layout MP3 next to the

chop PCB from the controller

The NES 8 bit controller MP3 and SD Card reader in one:

Mod the mp3 player

Pull of the with sticker and solder the wires on it GRN is: first left
Now put some gull on it for better construction



Extra

3,5 Jack cable

Solder the plug of the mp3 and strip the 3,5 jack cable GRN is copper cable
From PCB it is: left – right - ground

Batt charging

Solder on the mini usb a red wire +5 sown in fig8. And put on the resistor and the diode



Fig8 mini usb zie Google for lay out

The NES 8 bit controller MP3 and SD Card reader in one:

Front of USB-Roomba Connector

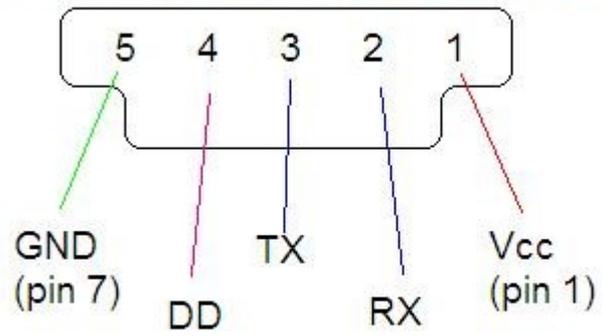


Fig9 mini usb zie Google for lay out

Enjoy The nes mp3 player !!!