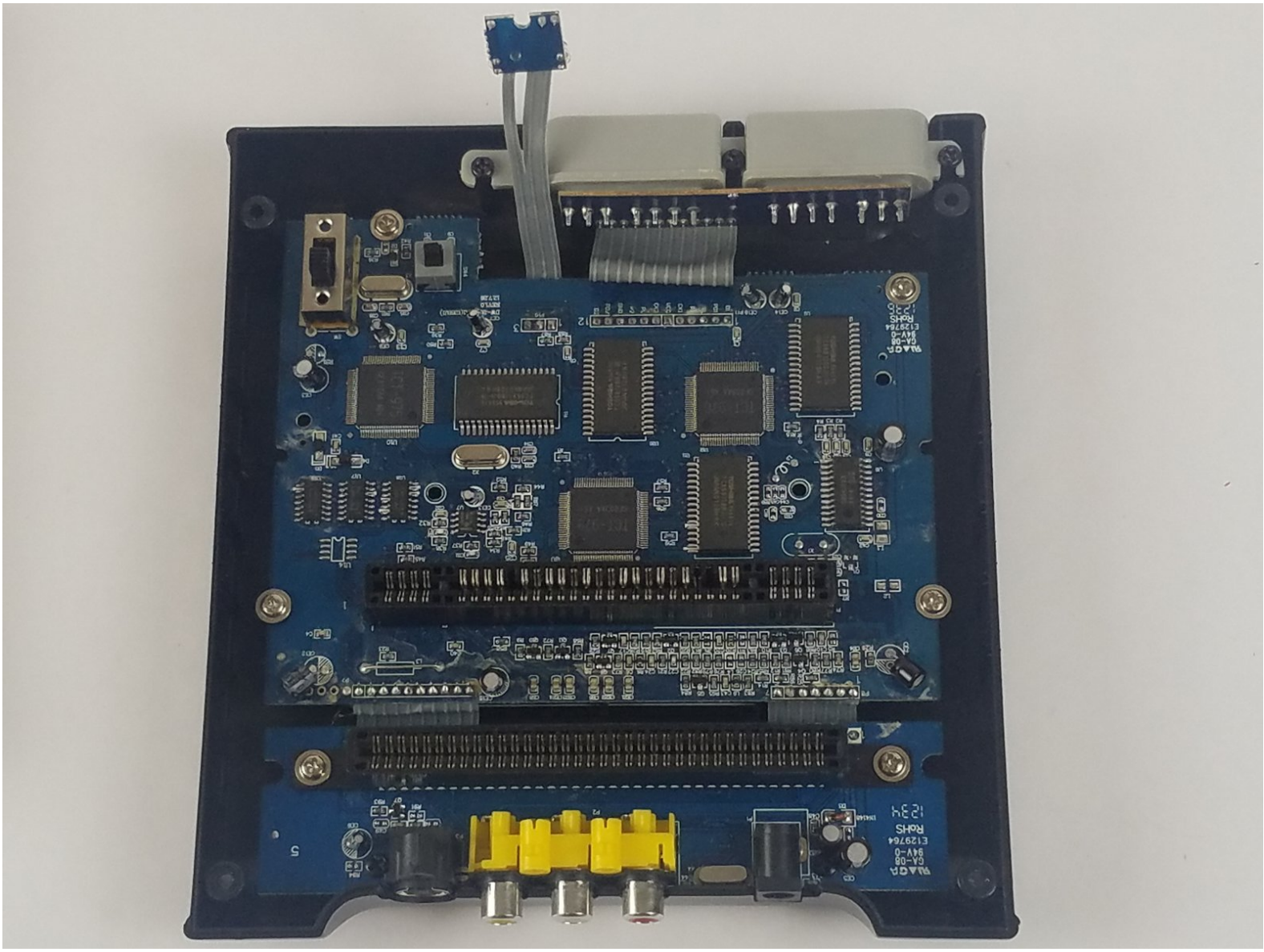
Retro-Bit Retro Duo Circuit Board Replacement

Replacement of the Retro-Bit Retro Duo Game Console Circuit Board

Written By: Truong Vo



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INTRODUCTION

The circuit board is essential to the console's functions. Using Phillips #0 and Phillips #2 screwdrivers, you can replace it.

TOOLS:

- Phillips #0 Screwdriver (1)
- Phillips #2 Screwdriver (1)

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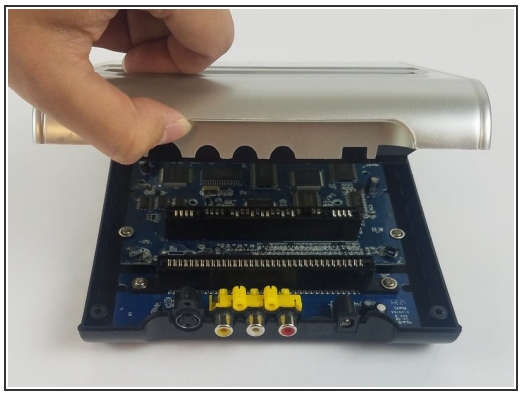
Step 1 — Circuit Board



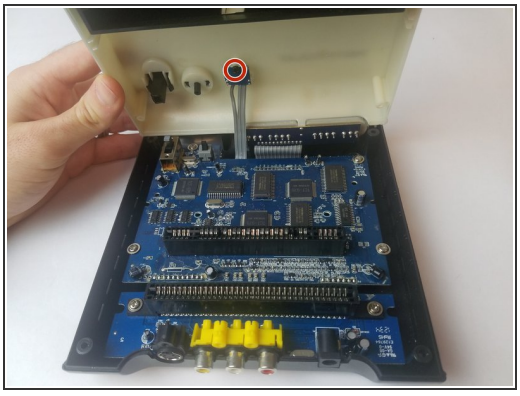
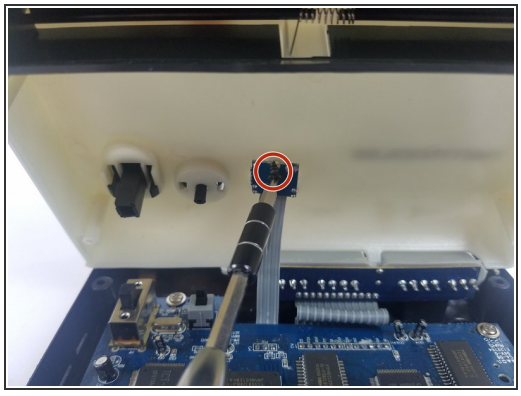
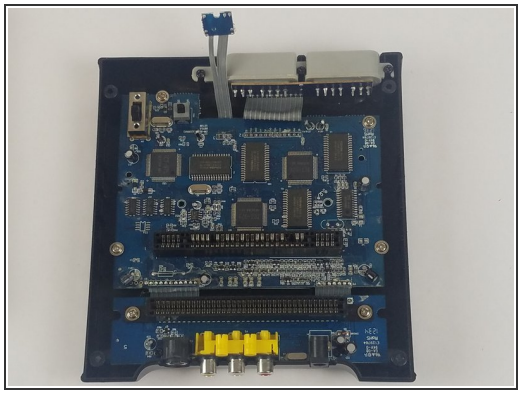
- With the console on its top, remove the four 12 mm Phillips #2 screws.

  There may be a sticker covering one or more of the screws. Simply remove the sticker before screw removal.

- Flip the console on its feet. Carefully lift the top casing from the back (where the AV/S and power ports are).

  To avoid damage, do not remove the top casing completely. There is a small LED circuit board connected to the main circuit board.

Step 2

- Remove the one 6 mm Phillips #0 LED circuit board screw.

- Lift the top case and set aside.

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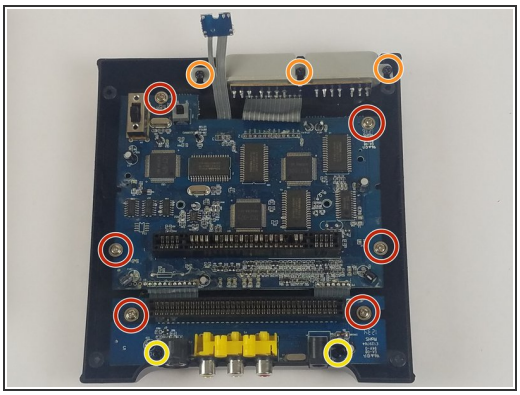
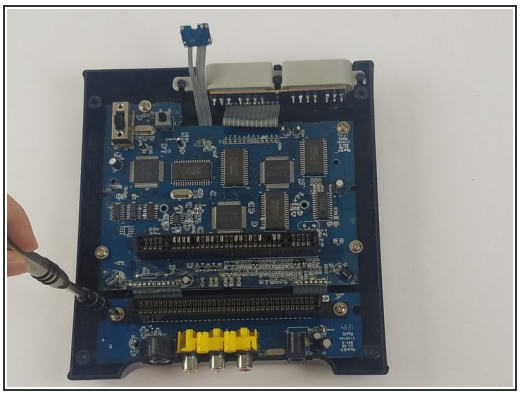
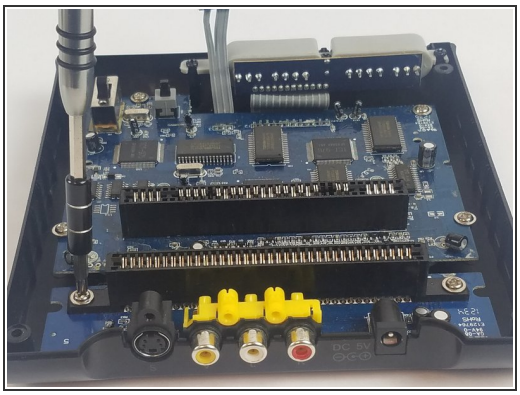
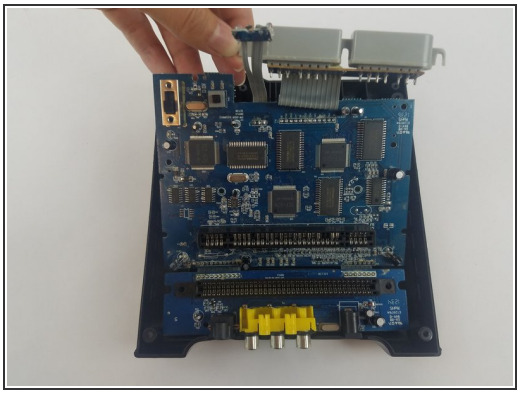
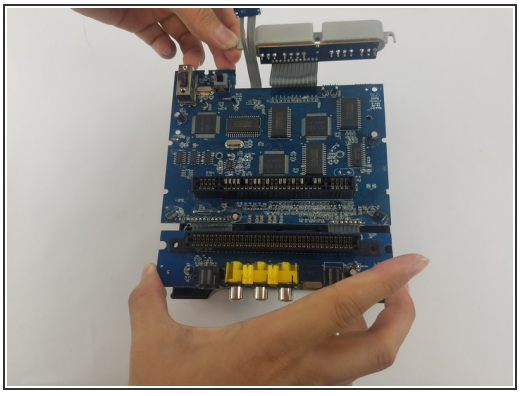
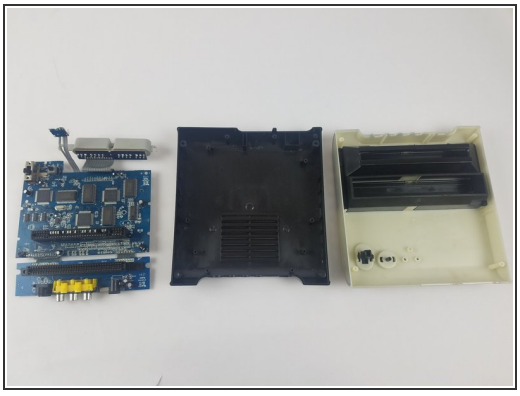
Step 3

- Remove the 11 screws holding the circuit boards and ports in place.
  - Six 11 mm Phillips #2 holding the circuit boards.
  - Three 12 mm Phillips #2 screws holding the controller ports.
  - Two 7 mm Philllips #2 screws holding the back ports

Step 4

- Carefully lift the circuit board while holding either the AV or controller ports. Alternatively, you can hold the circuit board on its edges.
- Make sure to lift the circuit board completely out of the bottom case.

To avoid damage, do not to touch the top or bottom faces of the circuit board.

To reassemble your device, follow these instructions in reverse order.

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