Commodore 64 Central Processing Unit (CPU) Replacement
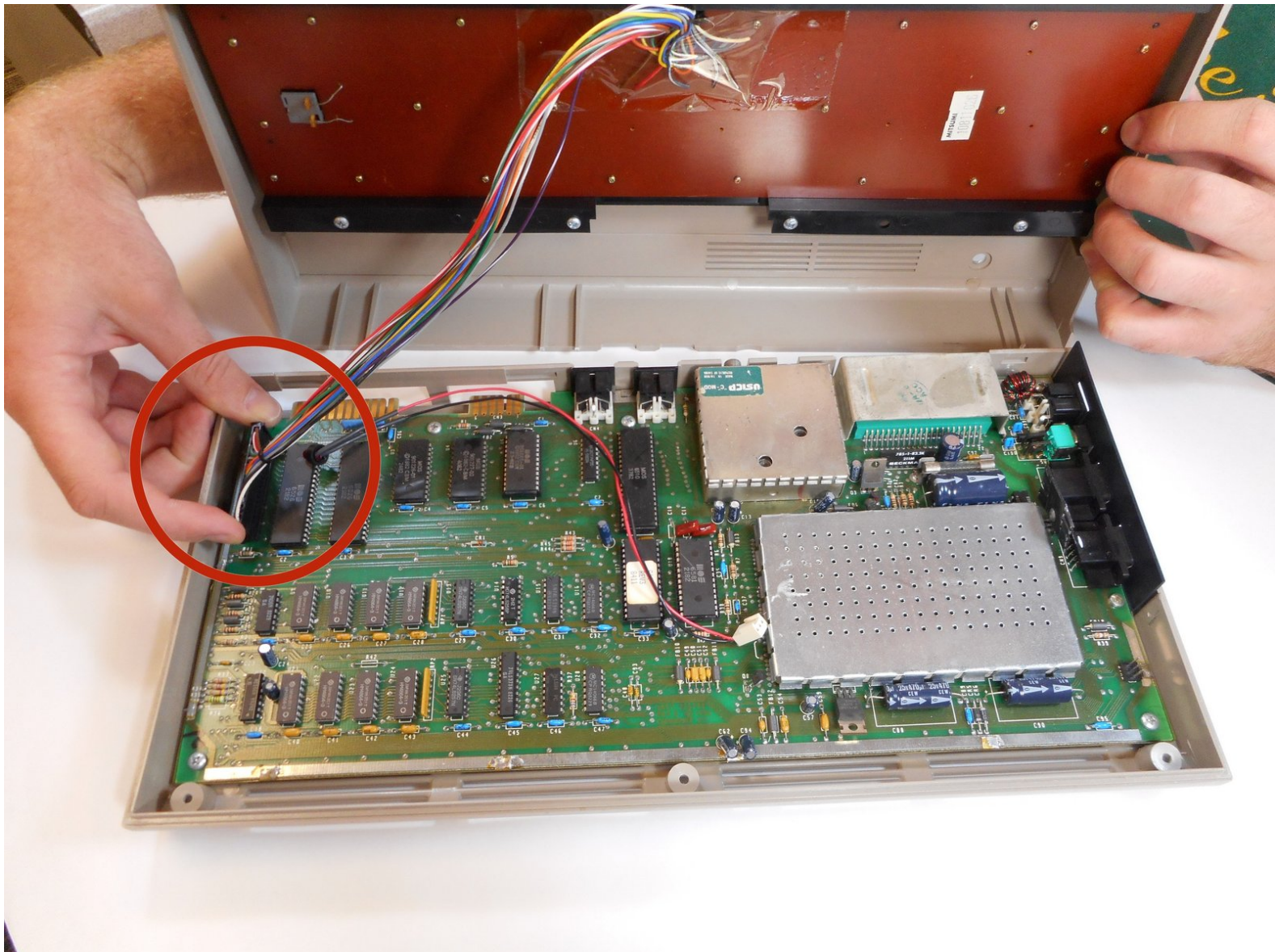
Removing the Central Processing Unit (CPU)

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INTRODUCTION

The Central Processing Unit (CPU) or Micro Processing Unit (MPU) is the 8-bit processor for the Commodore 64.

🔧 TOOLS:

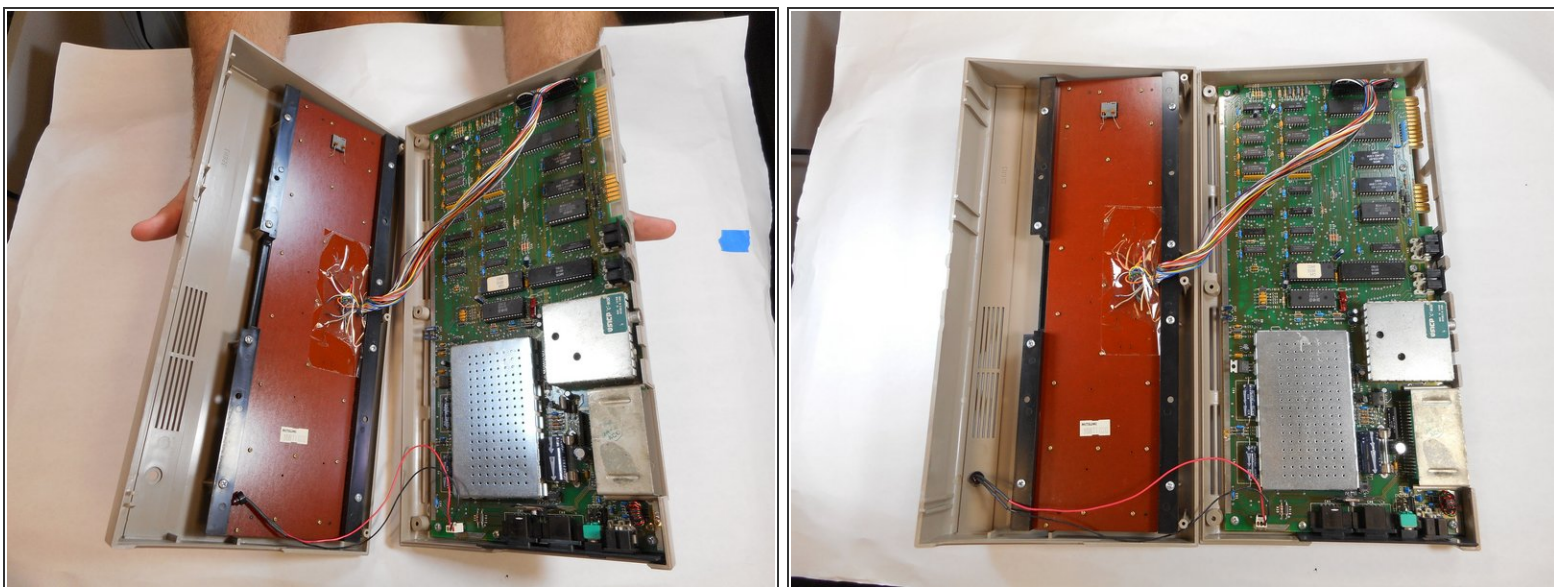- Phillips #00 Screwdriver (1)
- Utility Scissors (1)

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Step 1 — Removing screws

- 1. Remove three 6.75mm ph2 screw heads from the casing
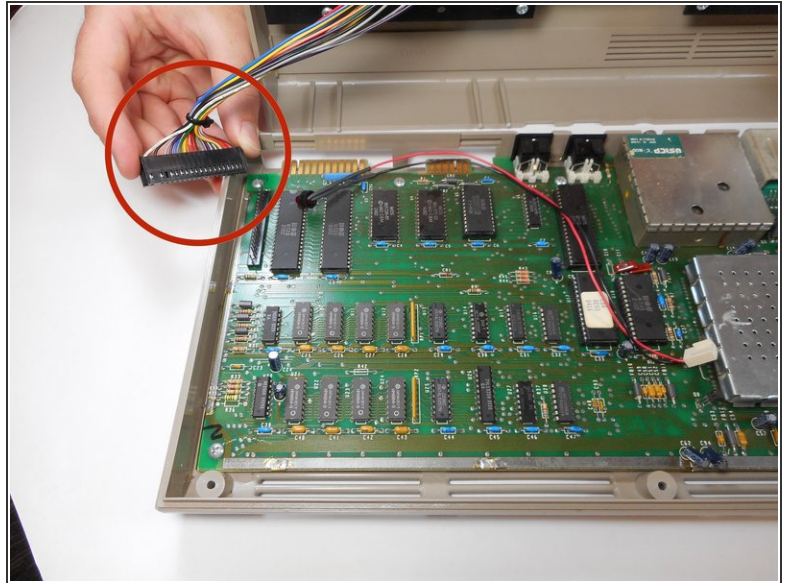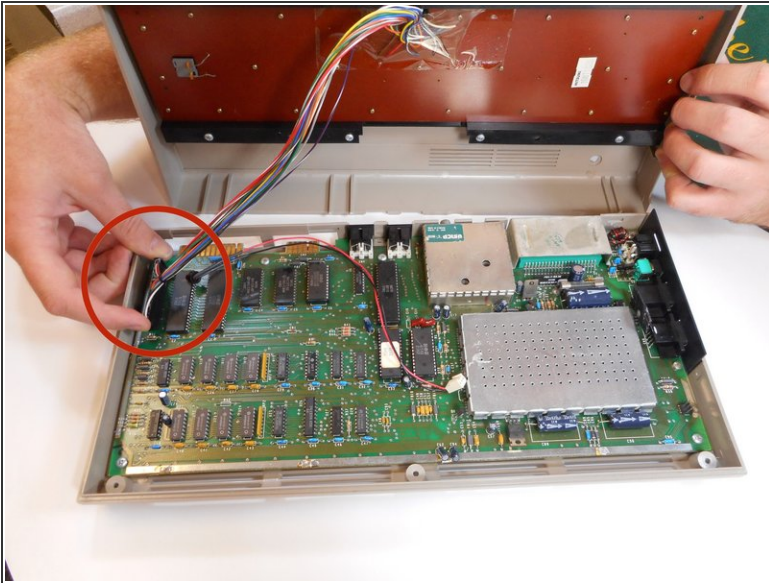
Step 2 — Opening

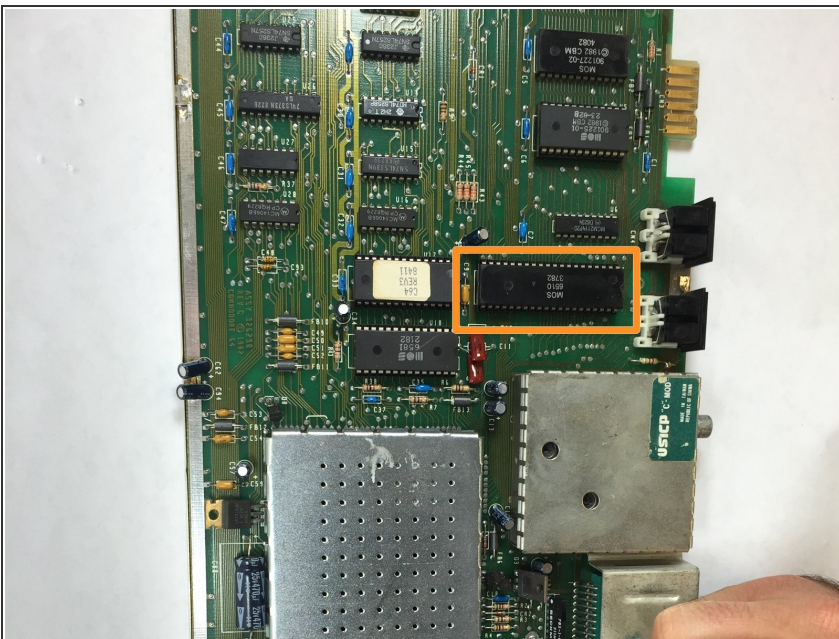- 2. Split the case of the C64 open by pulling up on the case towards you

⚠ Do not pull too hard that you break the clips.

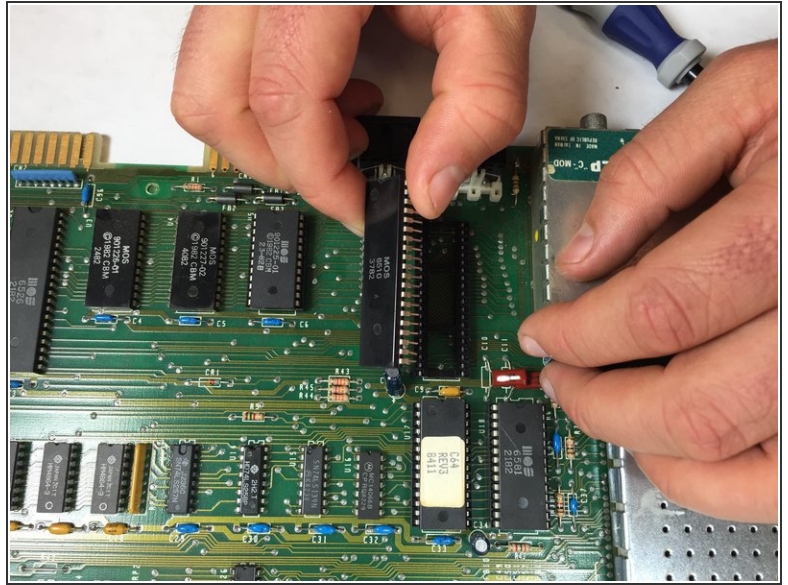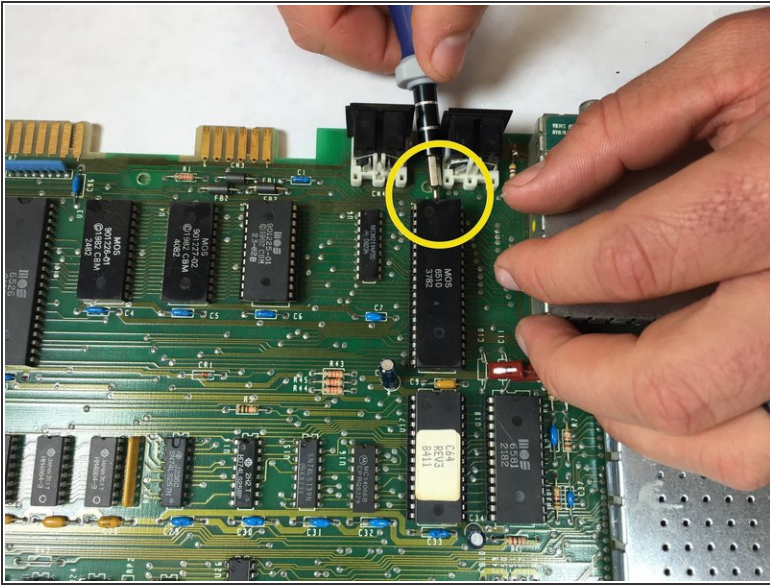## Step 3 — Detach Keyboard from the motherboard

- 1. Detach the multi-colored wire bundles connected to the motherboard.

Step 4 — Locate the CPU

- Locate the CPU chip which is labeled 'MOS 6510 3782'

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Step 5 — Removing the CPU chip

- 3. Loosen the CPU chip with a Phillips screwdriver. Then use your hand to pry up the CPU chip from the motherboard.

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