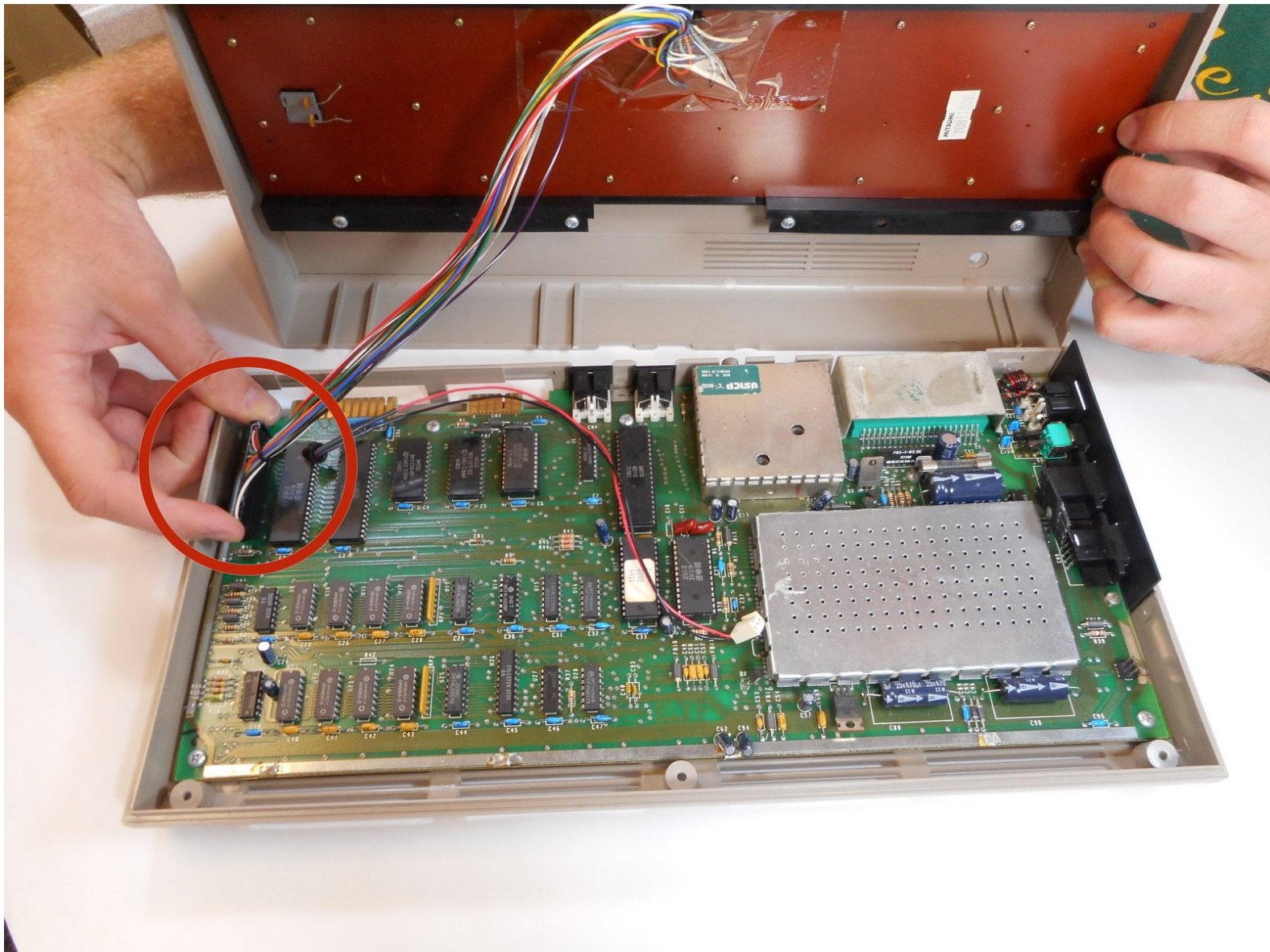




# Commodore 64 VIC Chip Replacement

Commodore 64 removing and replacing the VIC chip

Written By: Silvanus Clarke



---

## INTRODUCTION

The Video Interface Controller (VIC) is is the graphics chip for the C64.

---



### TOOLS:

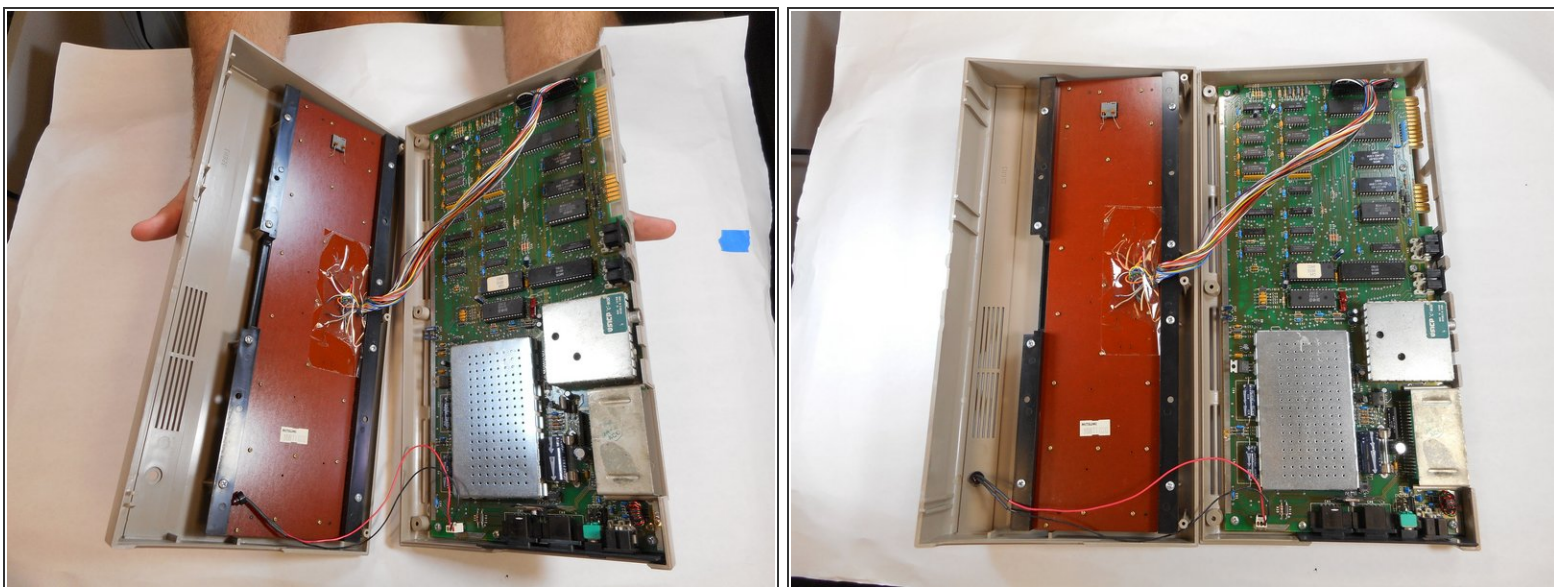
- [Phillips #00 Screwdriver](#) (1)
-

## Step 1 — Removing screws



- 1. Remove three 6.75mm ph2 screw heads from the casing

## Step 2 — Opening

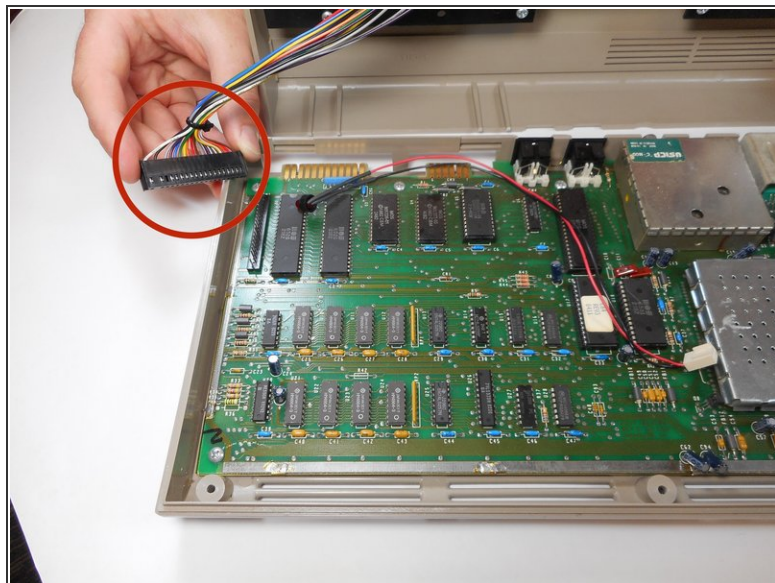
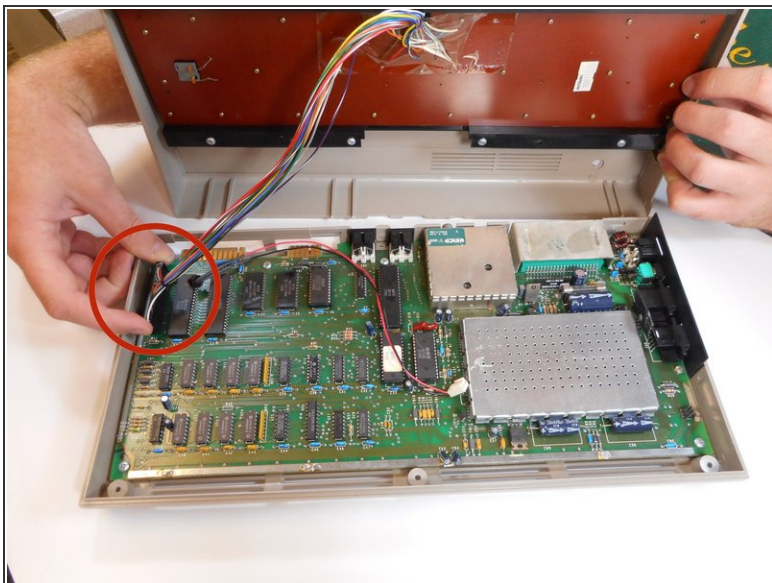


- 2. Split the case of the C64 open by pulling up on the case towards you

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

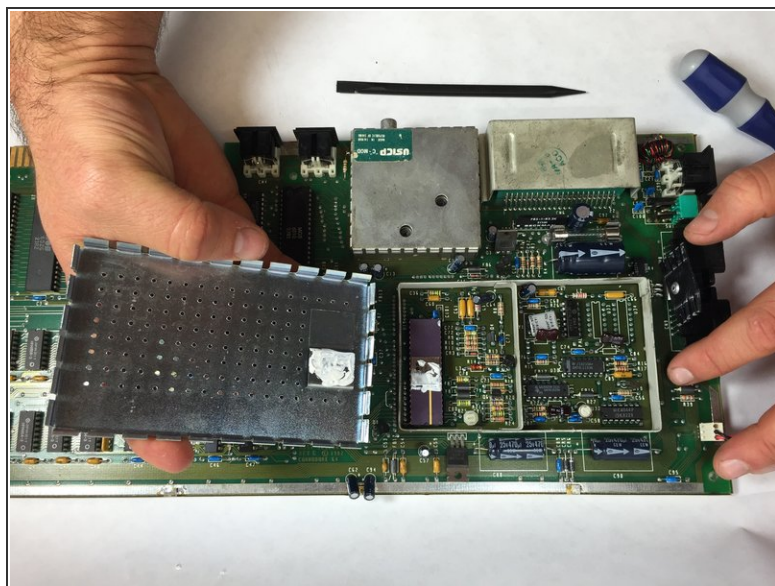
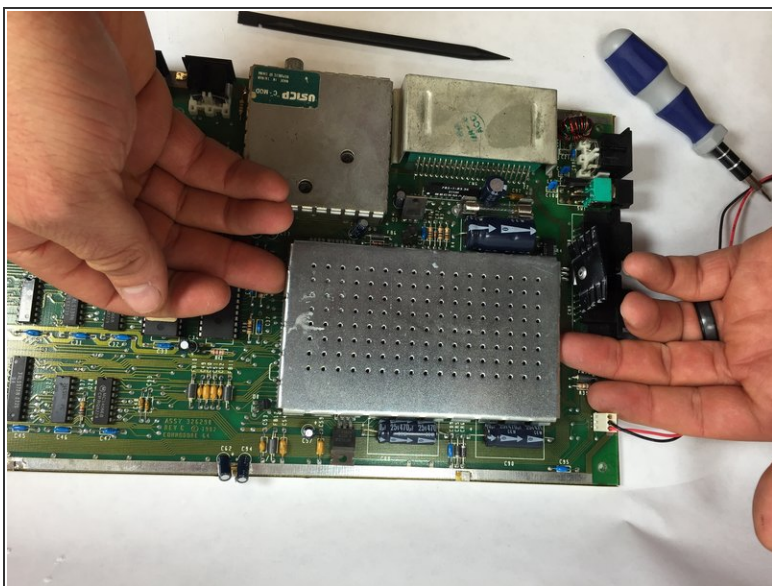


### Step 3 — Detach the keyboard from the motherboard



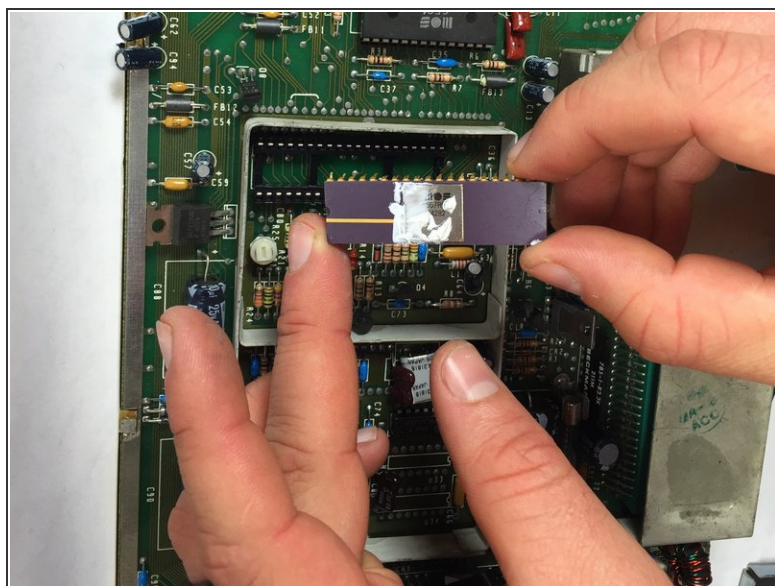
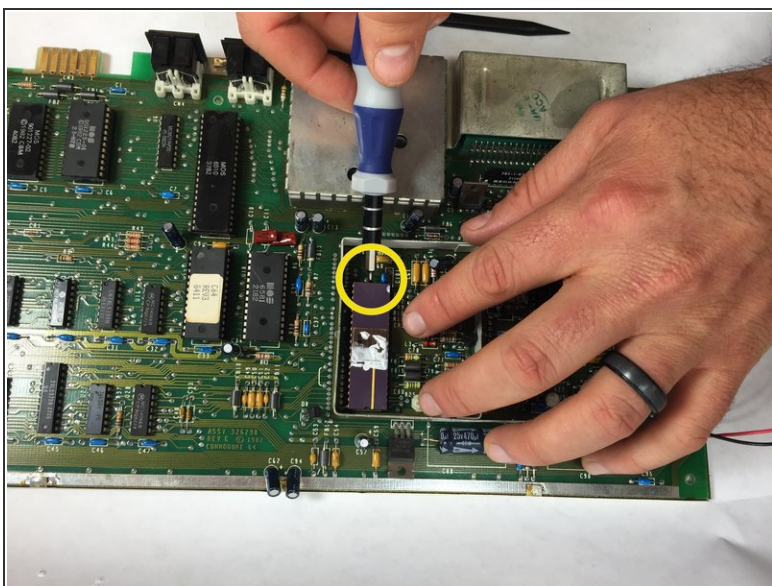
- 1. Detach the multi-colored wire bundles that's connected to the motherboard

### Step 4 — Pull up the VIC plate



- 2. Without using any tools prop up the metal VIC plate with both hands to expose the VIC chip.

## Step 5 — Removing the Chip



- 3. Use a Phillips screwdriver to pry up the VIC chip. Then, use your hands and with small pressure pull it away to remove it from the motherboard.

**i** You can insert a new VIC chip by making it clip back in on the board

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