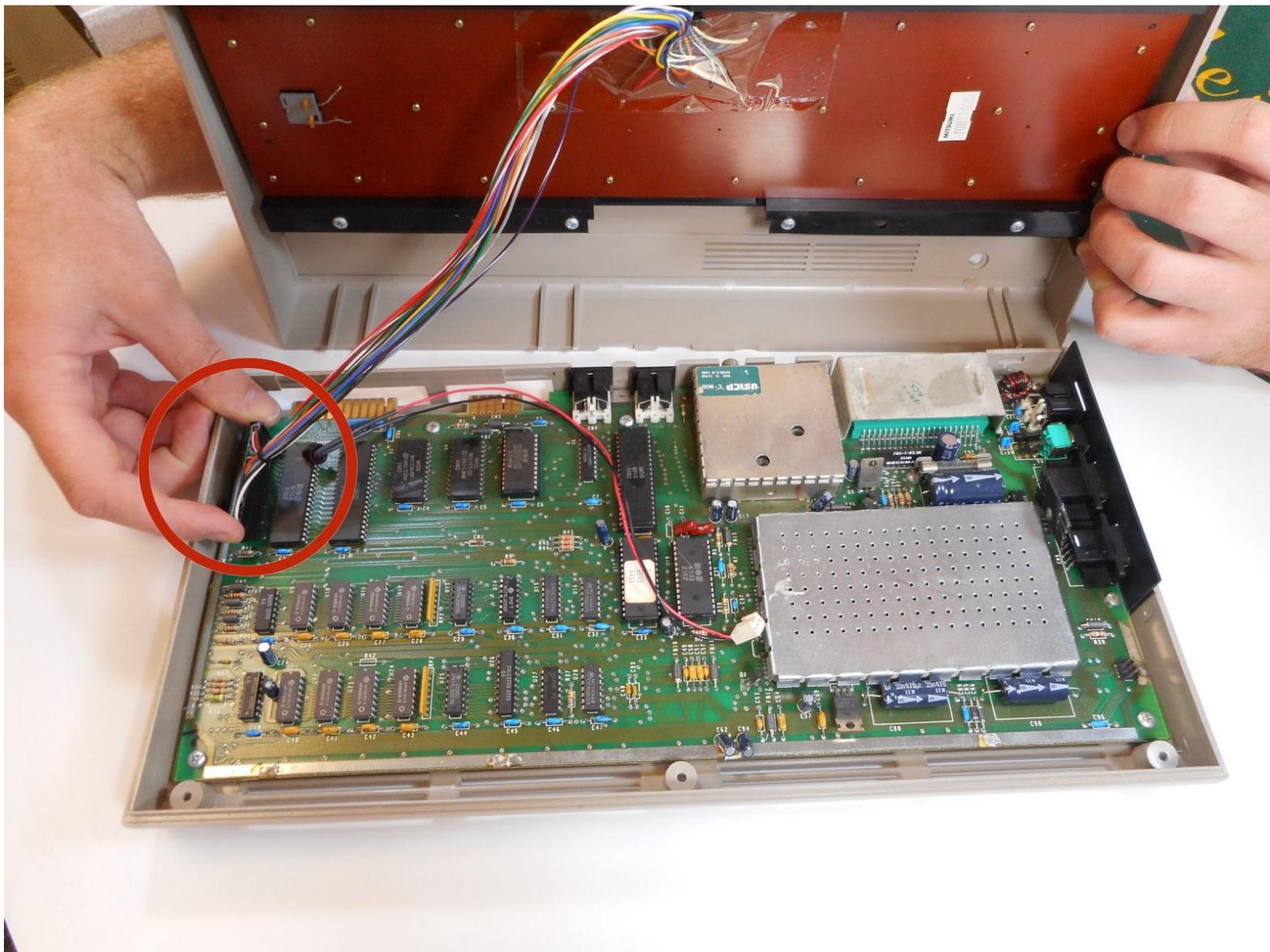




Commodore 64 VIC Chip Replacement

Commodore 64 removing and replacing the VIC chip

Written By: Silvanus Clarke



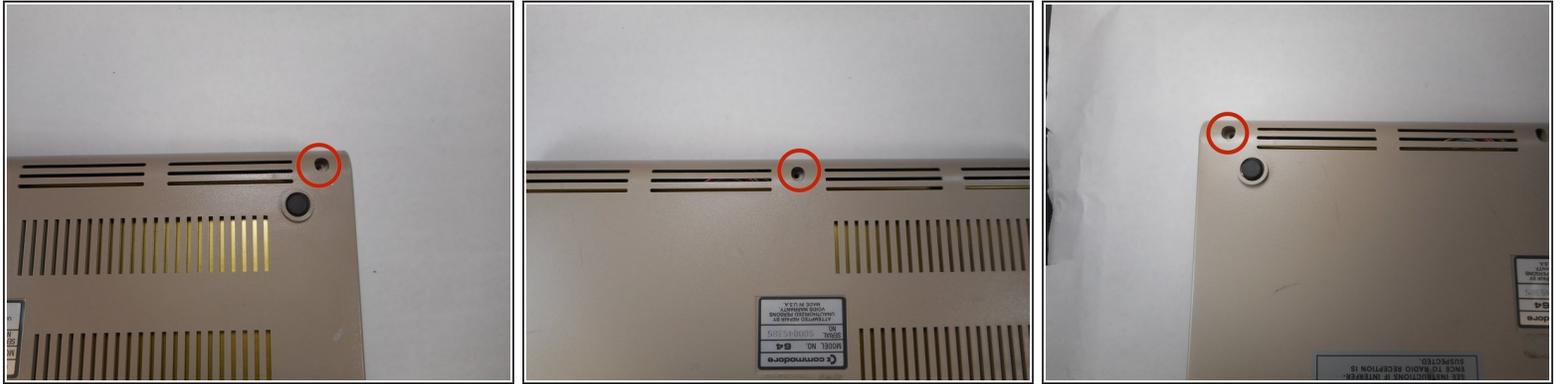
INTRODUCTION

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

TOOLS:

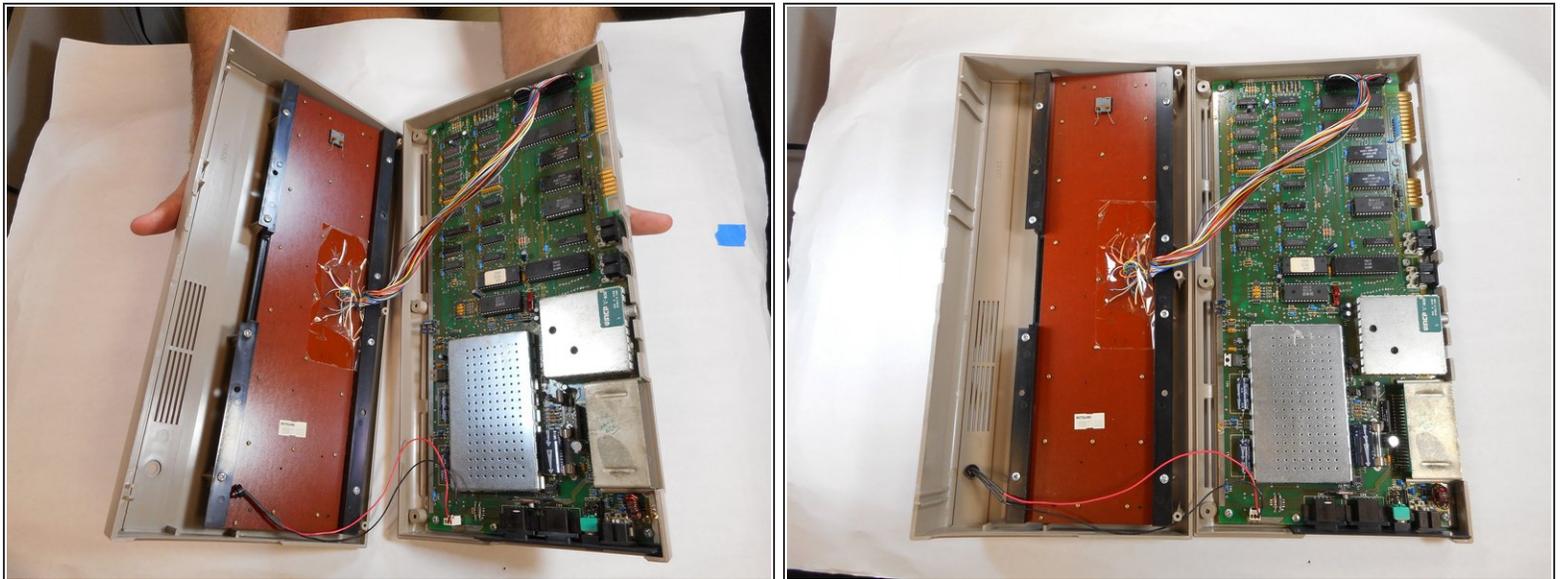
- [Phillips #00 Screwdriver](#) (1)
-

Step 1 — Removing screws



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

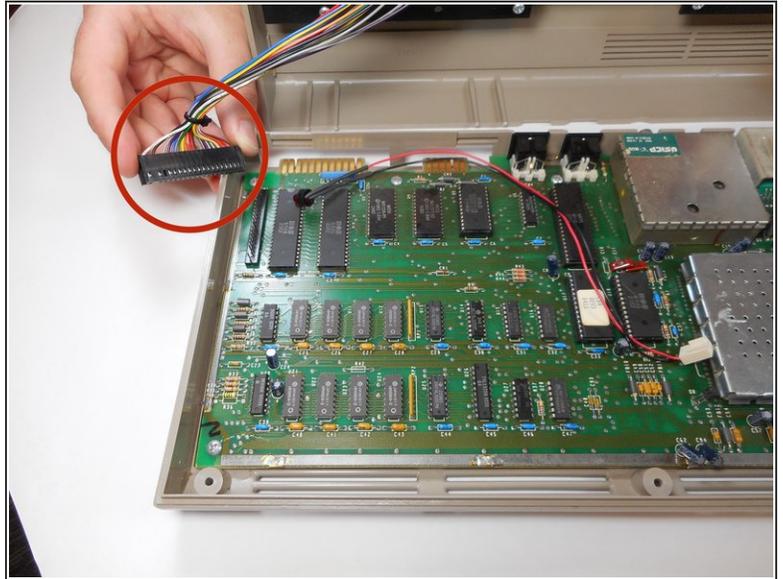
Step 2 — Opening



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

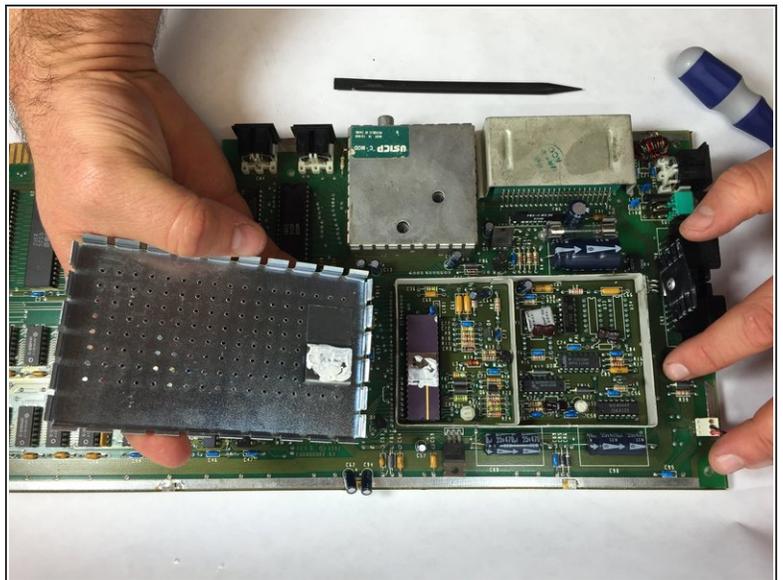
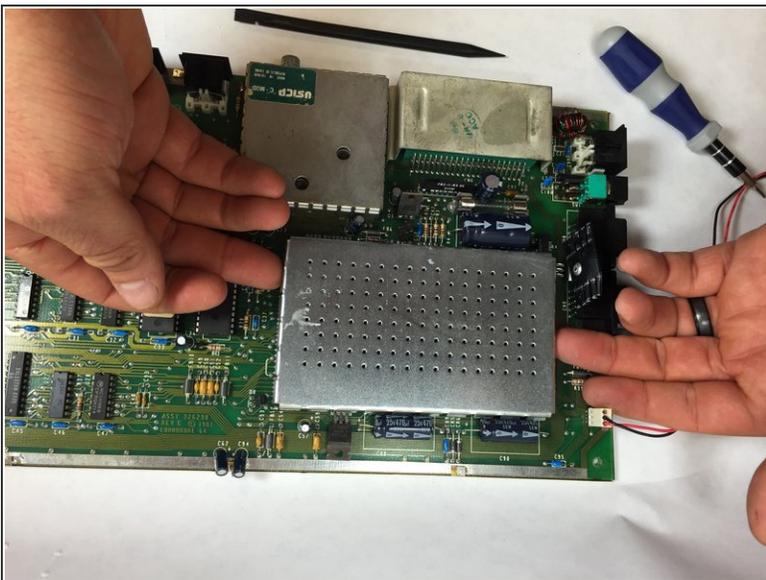
⚠ Do not pull too hard that you break the clips.

Step 3 — Detach the keyboard from the motherboard



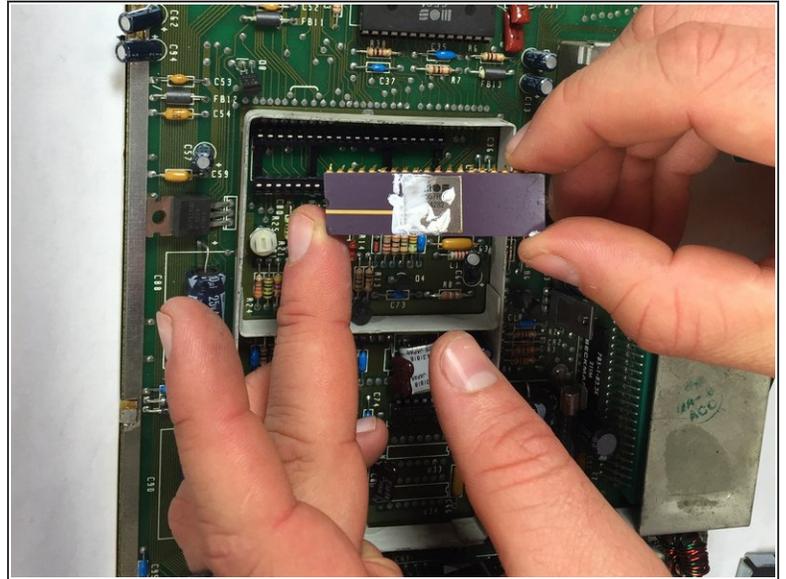
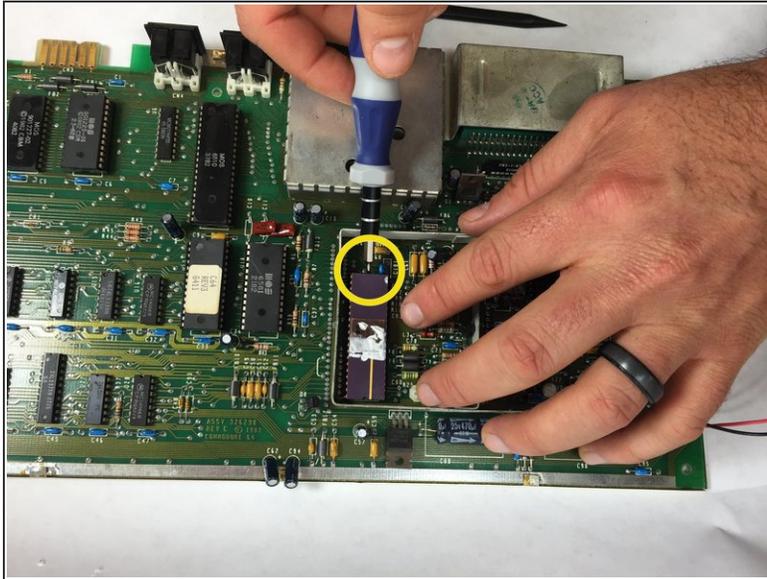
- 1. Detach the multi-colored wire bundles that's connected to the motherboard

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.