

Atari 2600 / 7800 Video Mod Installation guide (Rev 1.0)

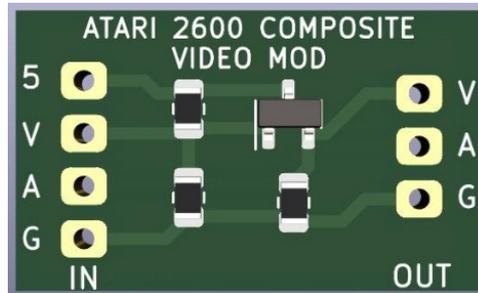


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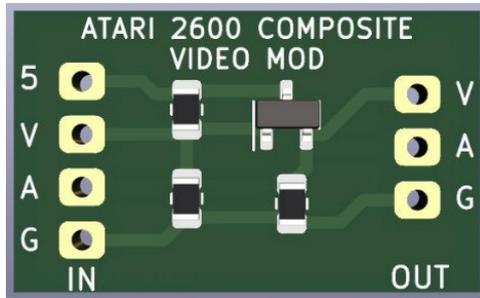
Introduction

This document will guide you through the process of installing the Video Mod into your Atari 2600 / 7800.

MyRetroStore cannot be held liable for any damage or injuries that may occur due to incorrect handling or installation of this product. It is advisable to wear a anti static wrist strap when handling any electronics, especially old retro computers.

This mod is designed to permanently remove the RF output and will only work if performed on a fully functioning Atari. Although this is a easy mod to perform you will need some soldering skills. If you are not confident, rather have someone perform this for you as you risk damaging your Atari.

Board Layout

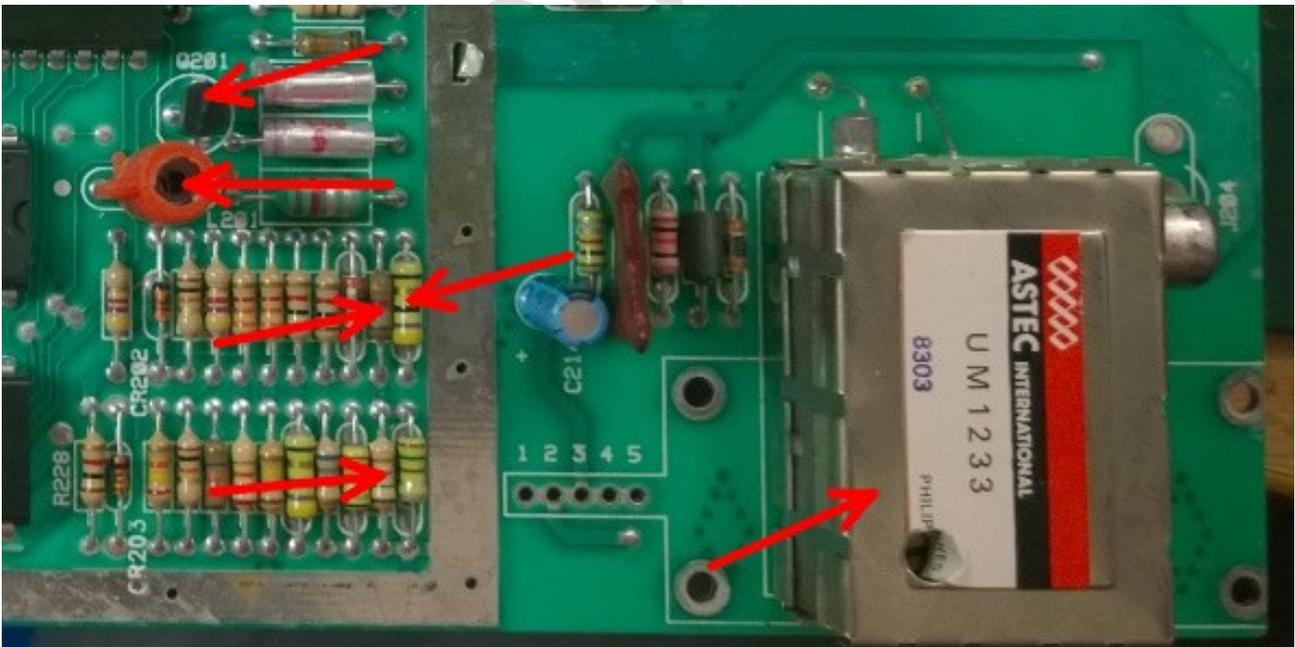


| Input | Output |
|----------|--------|
| 5V (VCC) | Video |
| Video | Audio |
| Audio | GND |
| GND | |

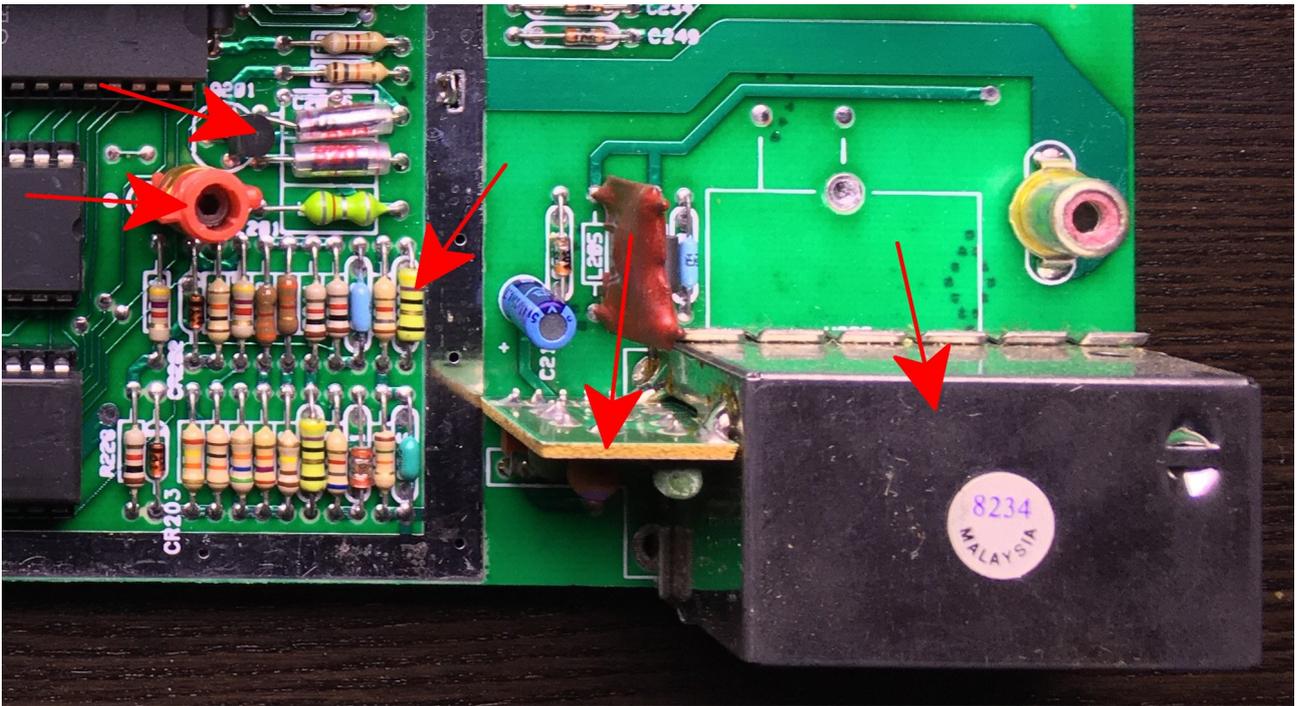
Installation

2600 - 4 Switch PAL/NTSC

PAL – Remove RF Modulator, Q201, L201, R222, R209, C209



NTSC – Remove RF Modulator & PCB, Q201 (Or labelled Q202), L201, R209



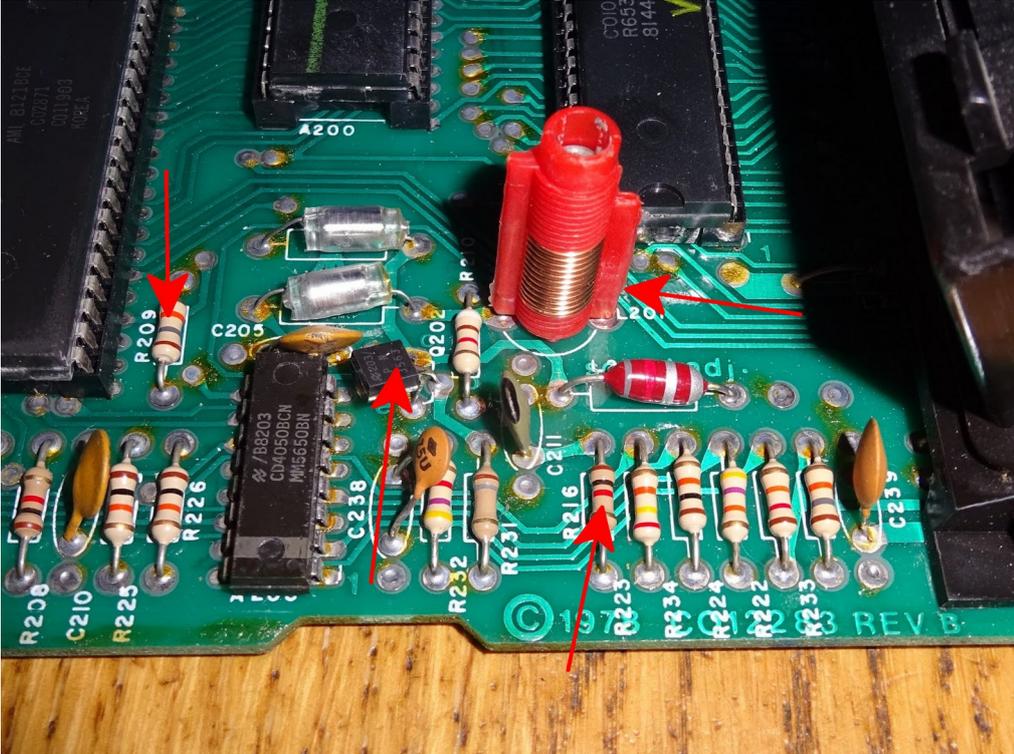
Solder wires from the 4 points below points to the input side of the Video Mod PCB



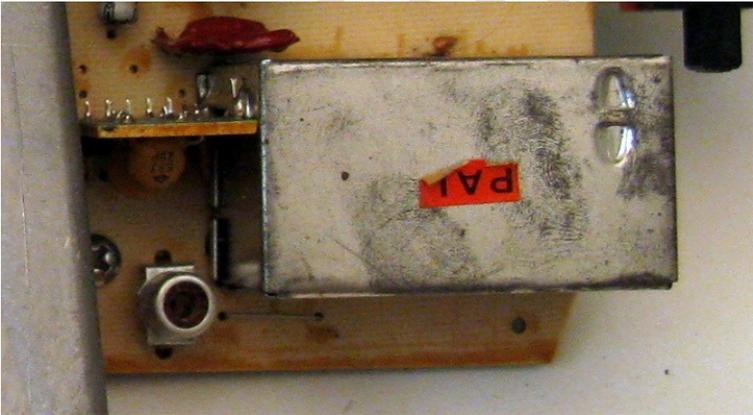
Proceed to **Wiring up the output** section below.

2600 - 6 Switch PAL

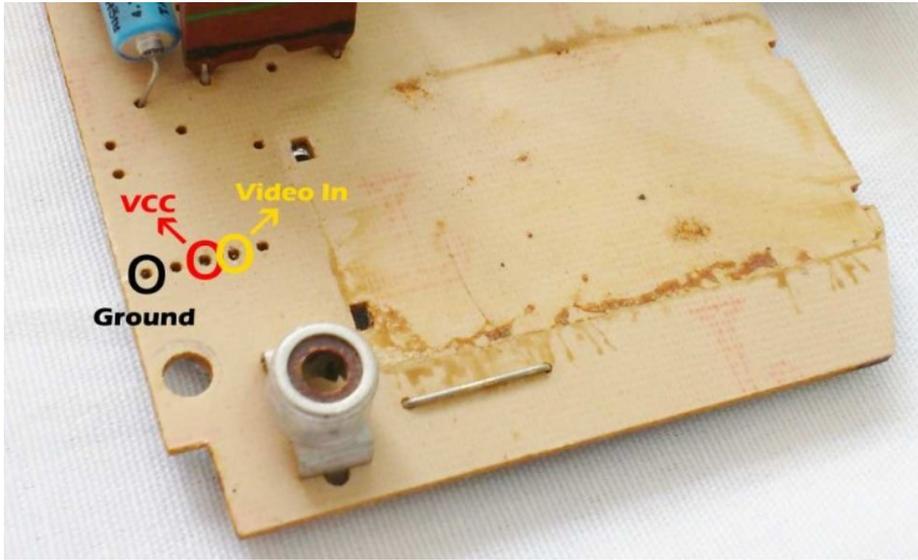
Remove R209, Q202, L201, R216



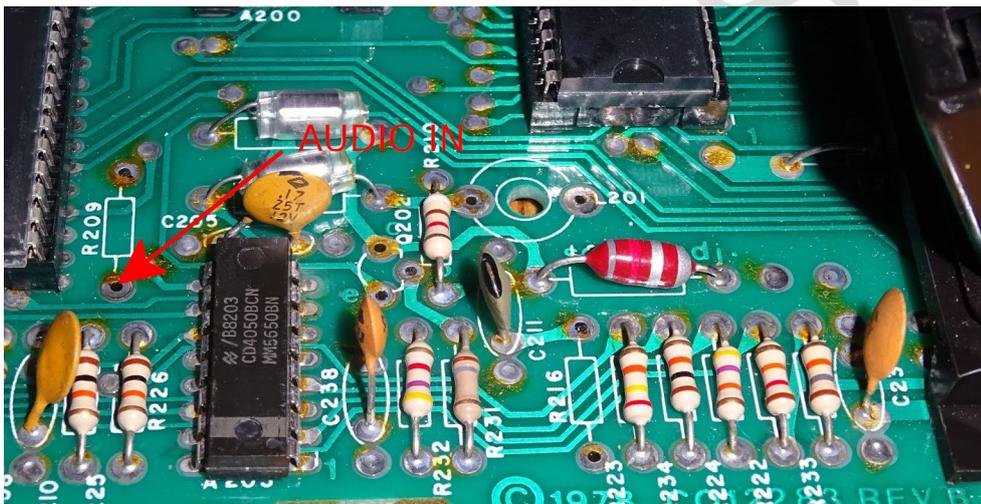
Remove RF Modulator



Solder wires from the 3 pins on the RF modulator board to the input side of the Video Mod PCB



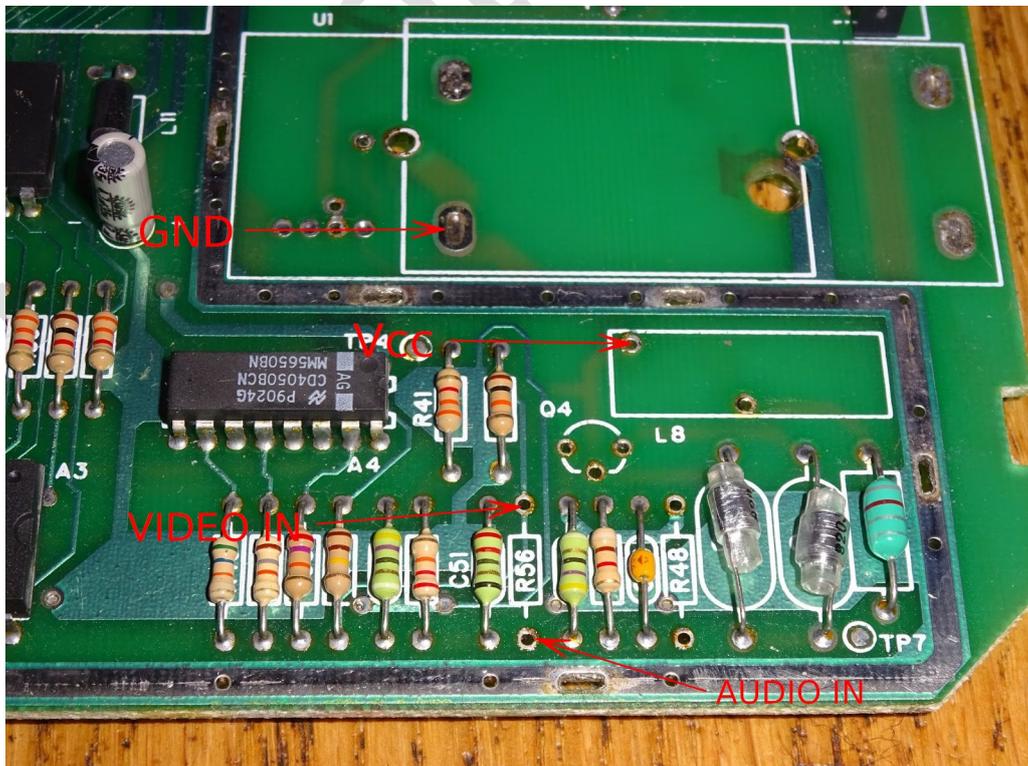
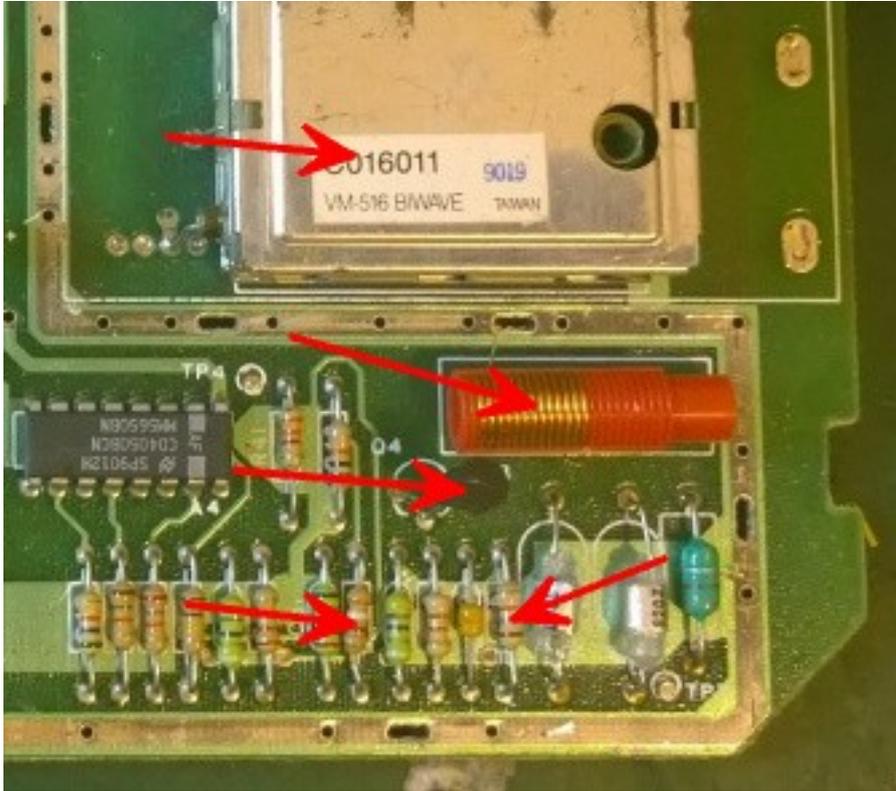
Solder wire from R209 to the audio input of the Video Mod PCB



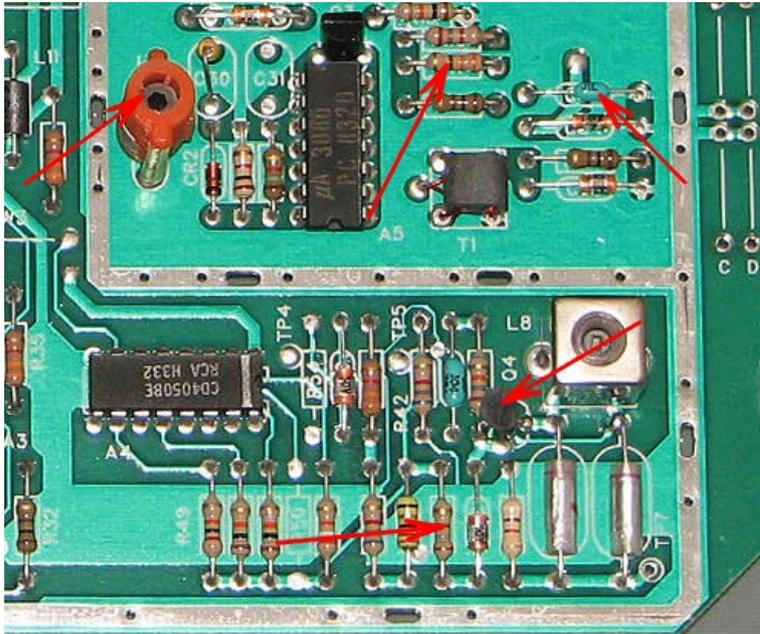
Proceed to **Wiring up the output** section below.

2600 JR PAL/NTSC

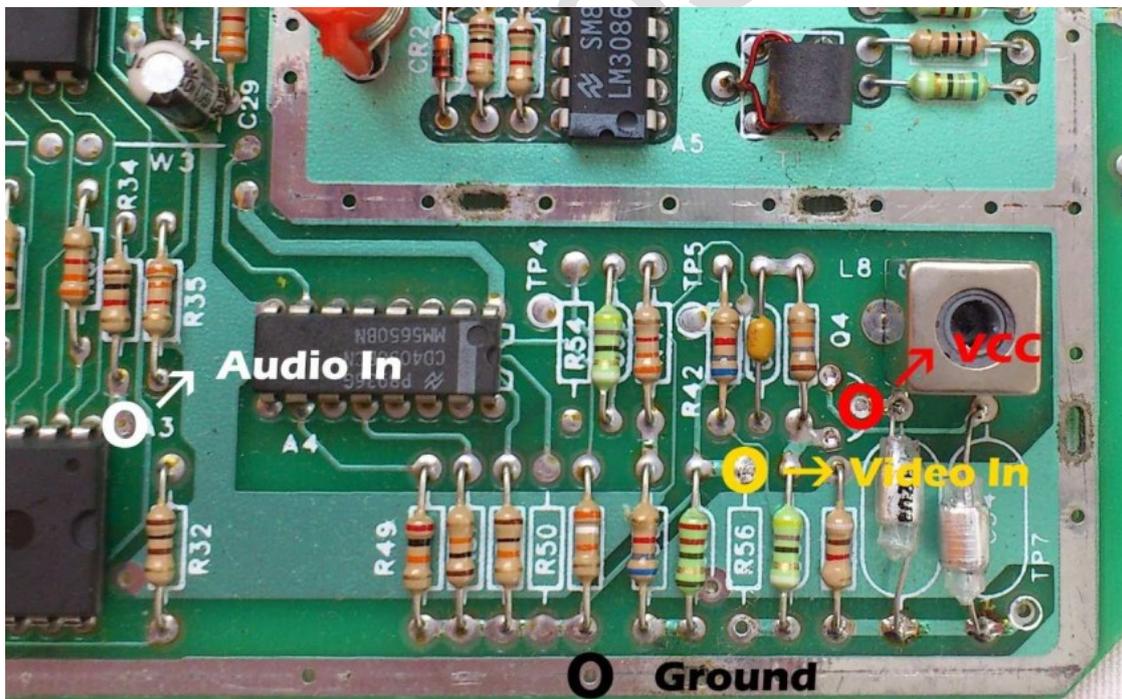
PAL – Remove RF Modulator, L8, R48, R56, Q4



NTSC – Remove L6, R17, R56, Q4, C33



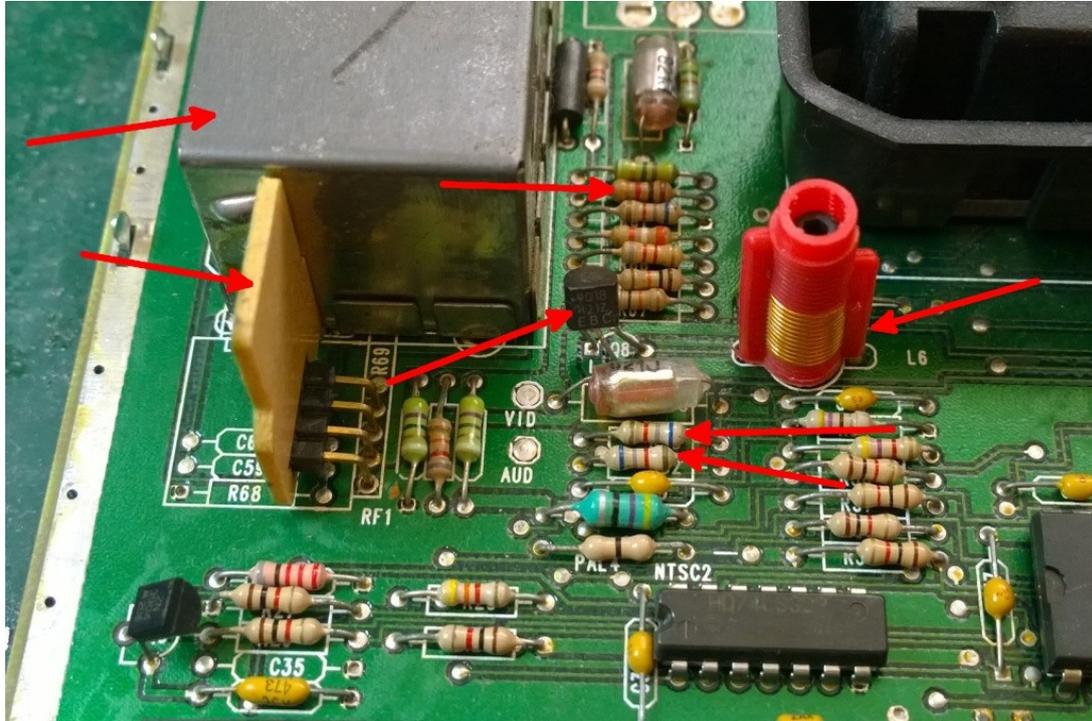
Solder wires from the 4 points below to the input side of the Video Mod PCB



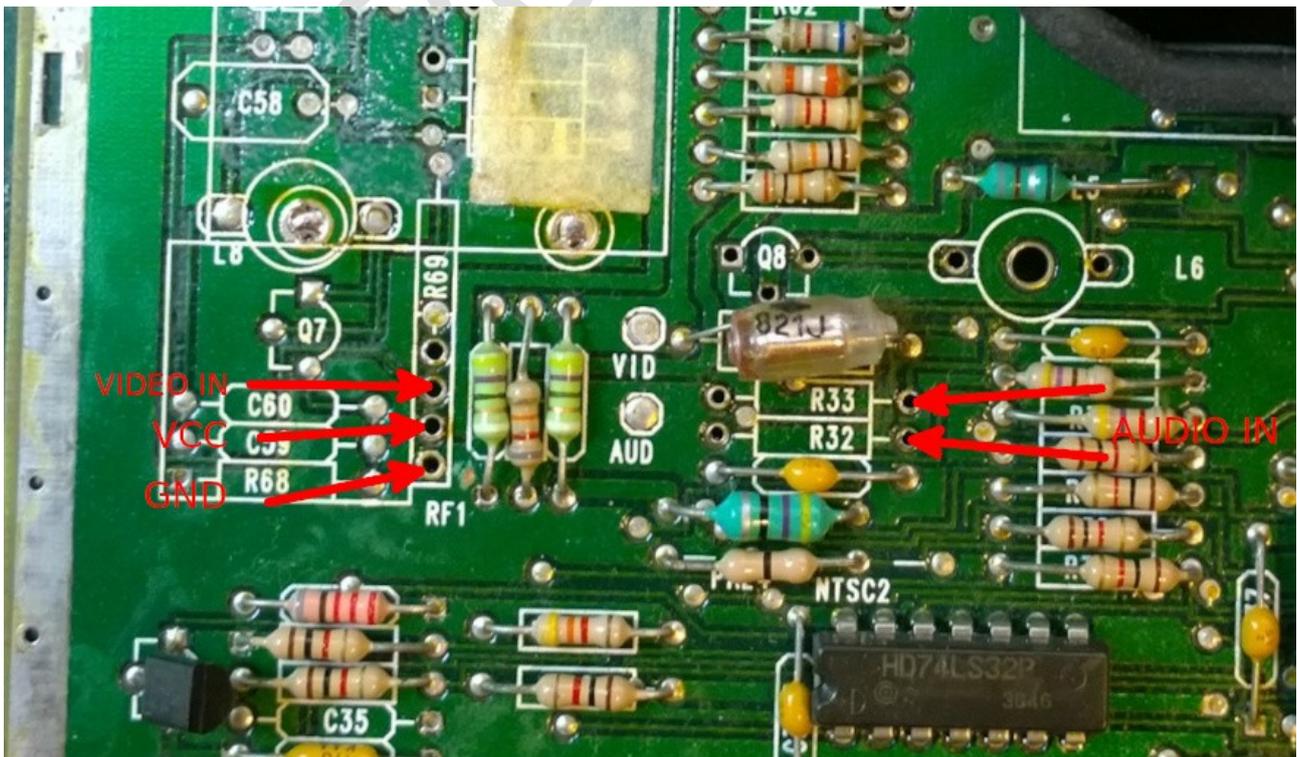
Proceed to **Wiring up the output** section below

7800 NTSC/PAL

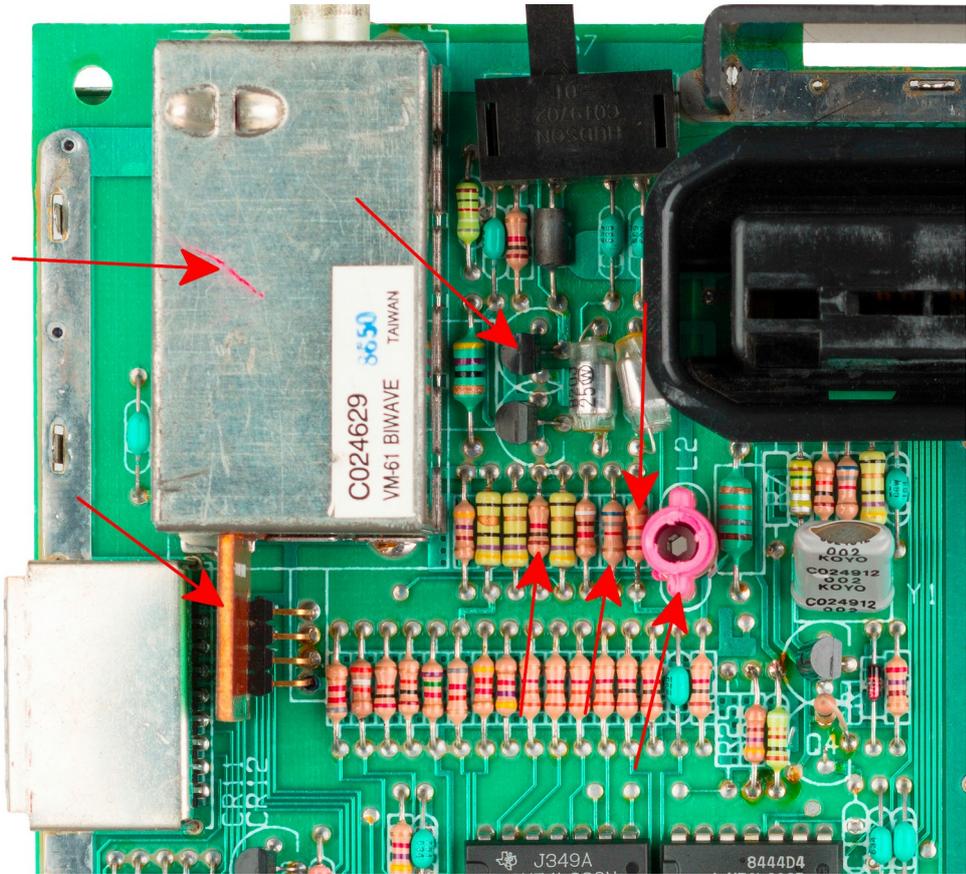
PAL - Remove RF Modulator, R32, R33, L6, R62, Q8



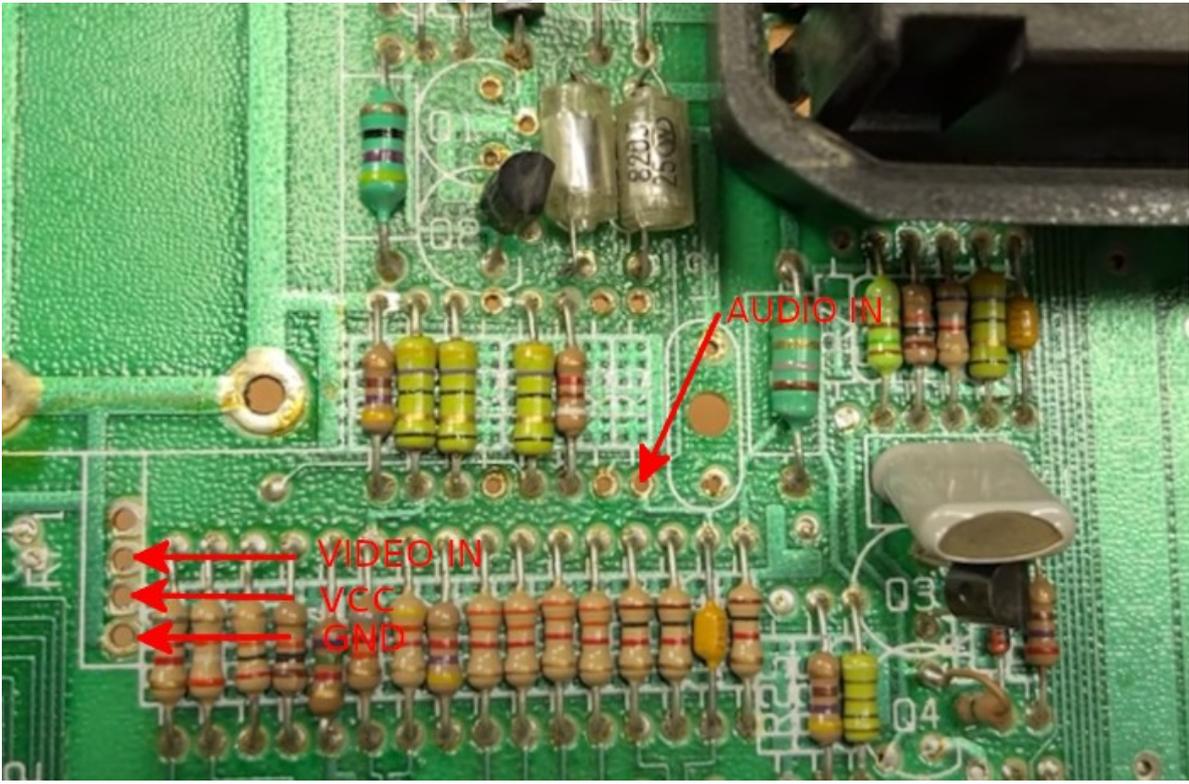
Solder wires from the 4 points below to the input side of the Video Mod PCB
Connect the audio to both pins R32/R33 (So they are bridged)



NTSC - Remove RF Modulator, R3, R5, R6, L2, Q1



Solder wires from the 4 points below to the input side of the Video Mod PCB



Wiring up the output

Find an appropriate place on the case to fit the 3 jacks (Video, Audio L & R)

- Connect all the grounds together from the 3 jacks and wire this to the PCB (Out – GND)
- Connect Audio L&R (White and Red) together (As there is only mono sound from the Atari and connect to Out-Audio)
- Connect Video (Yellow) to Out-Video

Before closing up and testing double check that all the correct components have been removed and the wires are all soldered to the correct locations.

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