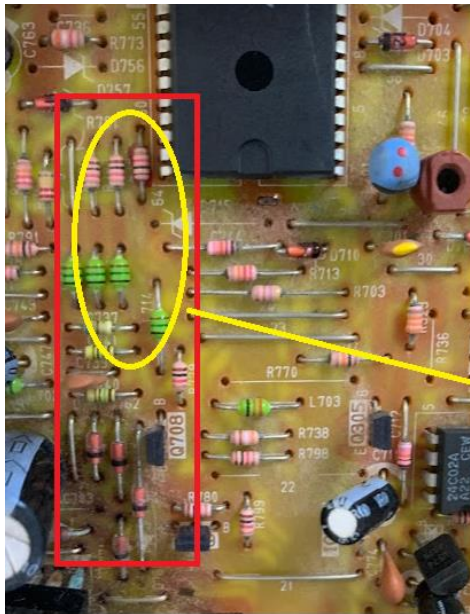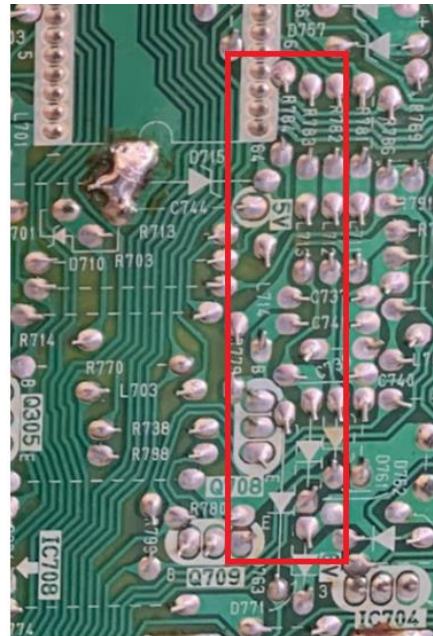Mitsubishi CT29AX1

OSD:
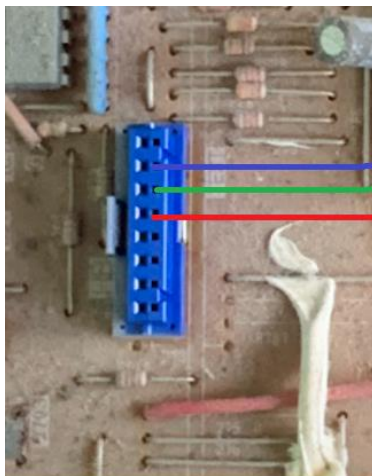

OSD

Two sets of
resistors from
RGB Lines

- I believe the brown resistors are 1k in value
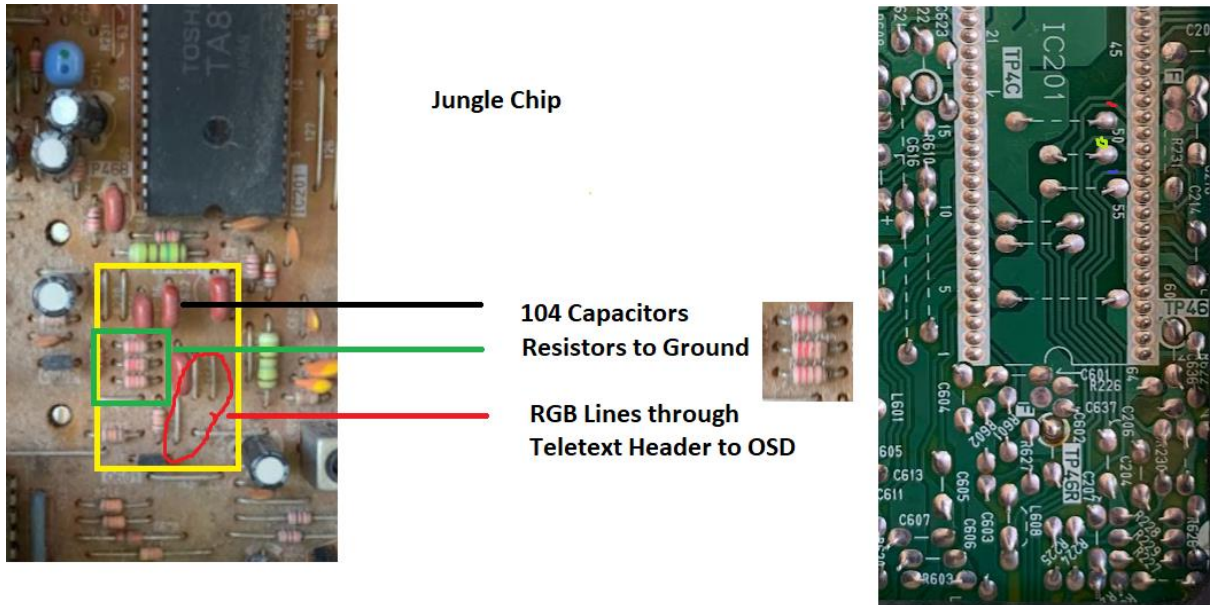- I don't know what the green ones are or for

Teletext Header:

I can now confirm these
points have continuity
with RGB pins on Jungle
Chip

- Teletext header inbetween OSD and Jungle chip , I can confirm lines have continuity with Jungle chip RGB pins.

Jungle Chip:

Jungle Chip

104 Capacitors
Resistors to Ground

RGB Lines through
Teletext Header to OSD

- 104 capacitors from Jungle chip RGB pins ,
- The resistors in green come off the 104 capacitors and are wired to ground , I am unsure what the value of these are or if these are the reason why I see now picture.

Current Breadboard setup:
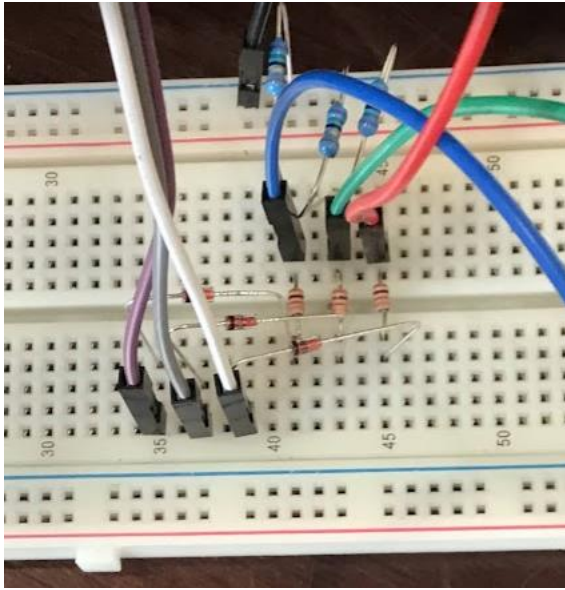
- RGB lines terminated to 75ohm resisters to ground , (Same ground as the rca ground connectors)
- I have tried combinations such as
  - No diodes
  - No teletext header resistors (I believe 1k)
  - Removed 75 resistors termination
- Each one of these combinations still does not result in a picture

How I See this in comparison to your Mux Method:

QXXAVB488
Jungle Chip

BL	R	G	B
27	30	28	23

Existing TV
Capacitors may
need to be replaced
with 100nF

GND

**AV2 Composite input
for sync**

1n4148   1n4148   1n4148

1n4148   1n4148   1n4148

1K   1K   1K

EXT RGB Inline Resistors

OSD RGB Inline Resistors

75   75   75

5V

BL	R	G	B		GND

External RGB/Blanking

**All ground to ground
line on AV2 connector**

R	G	B
42	41	40

OSD Microcontroller chip
M37221M8