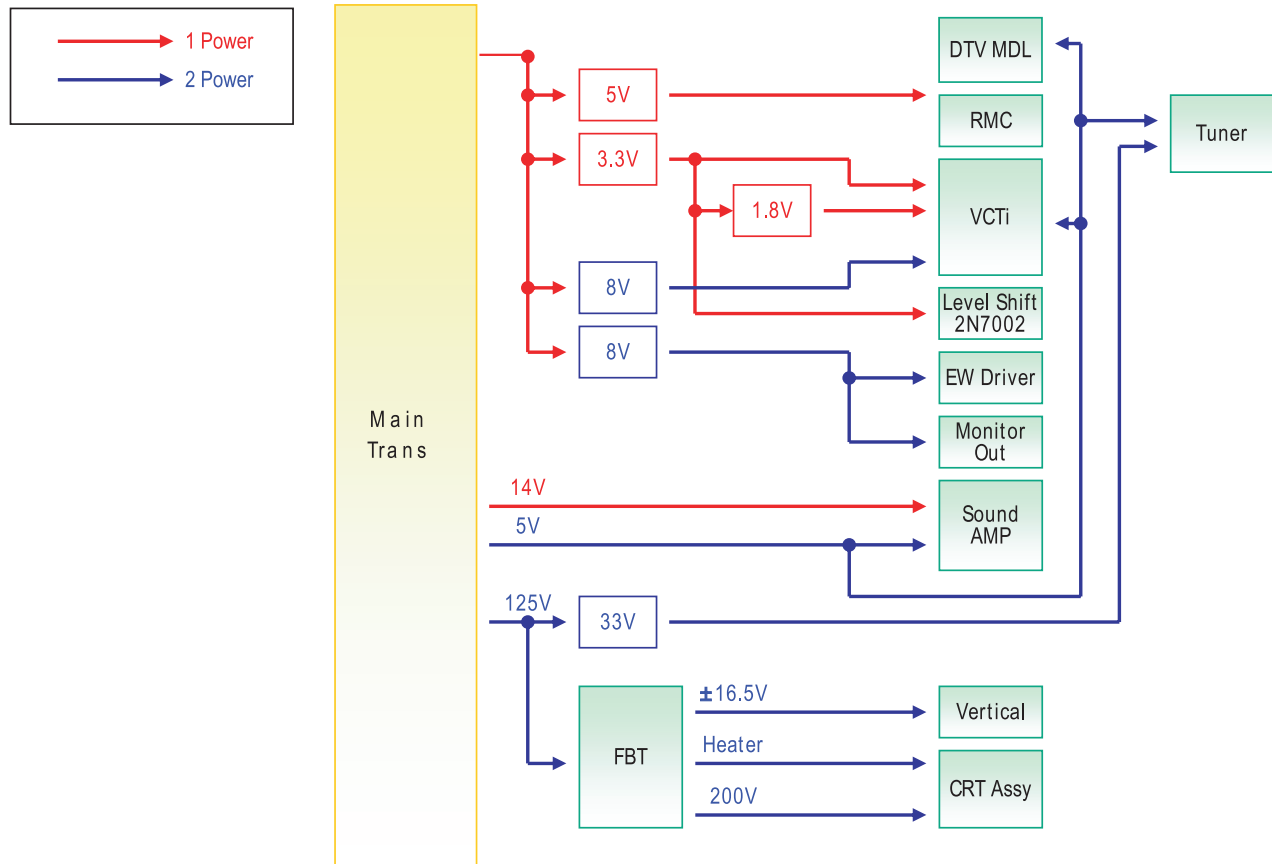


## 7-1 Circuit Description

[illegible]

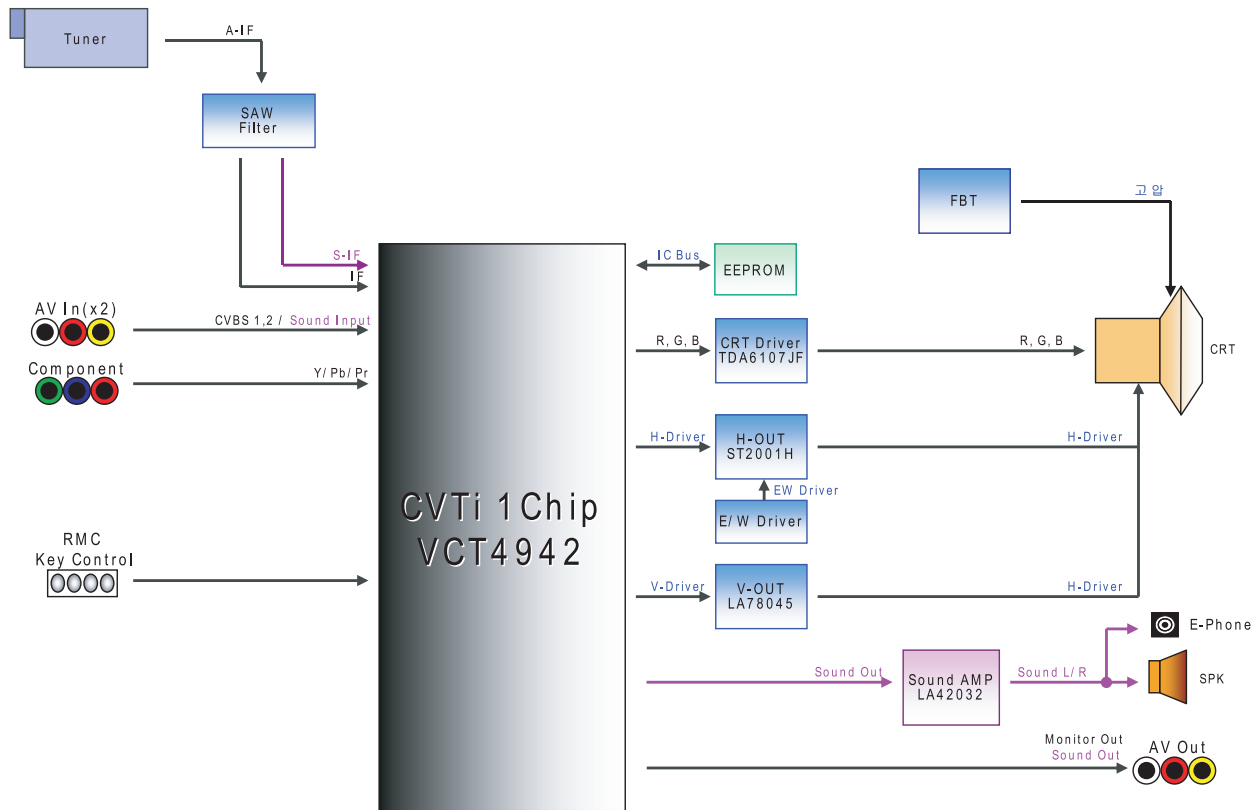
Part	Function
VCTi 1Chip	Treat IF+MICOM+VIDEO+MSP+Switching function.
DTV Module	Treat Channel, MPEG Decoder, AC-3 Decoder, CPU, Scaler, Video DAC, Audio function related to DTV signal.
VIDEO	Output video signal , input by Main Tuner and external equipment through VCTi Chip, as the final CRT R/G/B
SOUND	Output as Speaker through Audio Processing block and Sound AMP inside VCTi

## 7-1-2 Power Signal



## 7-1-3 Partial Block Diagram

### 1. Main Block Description



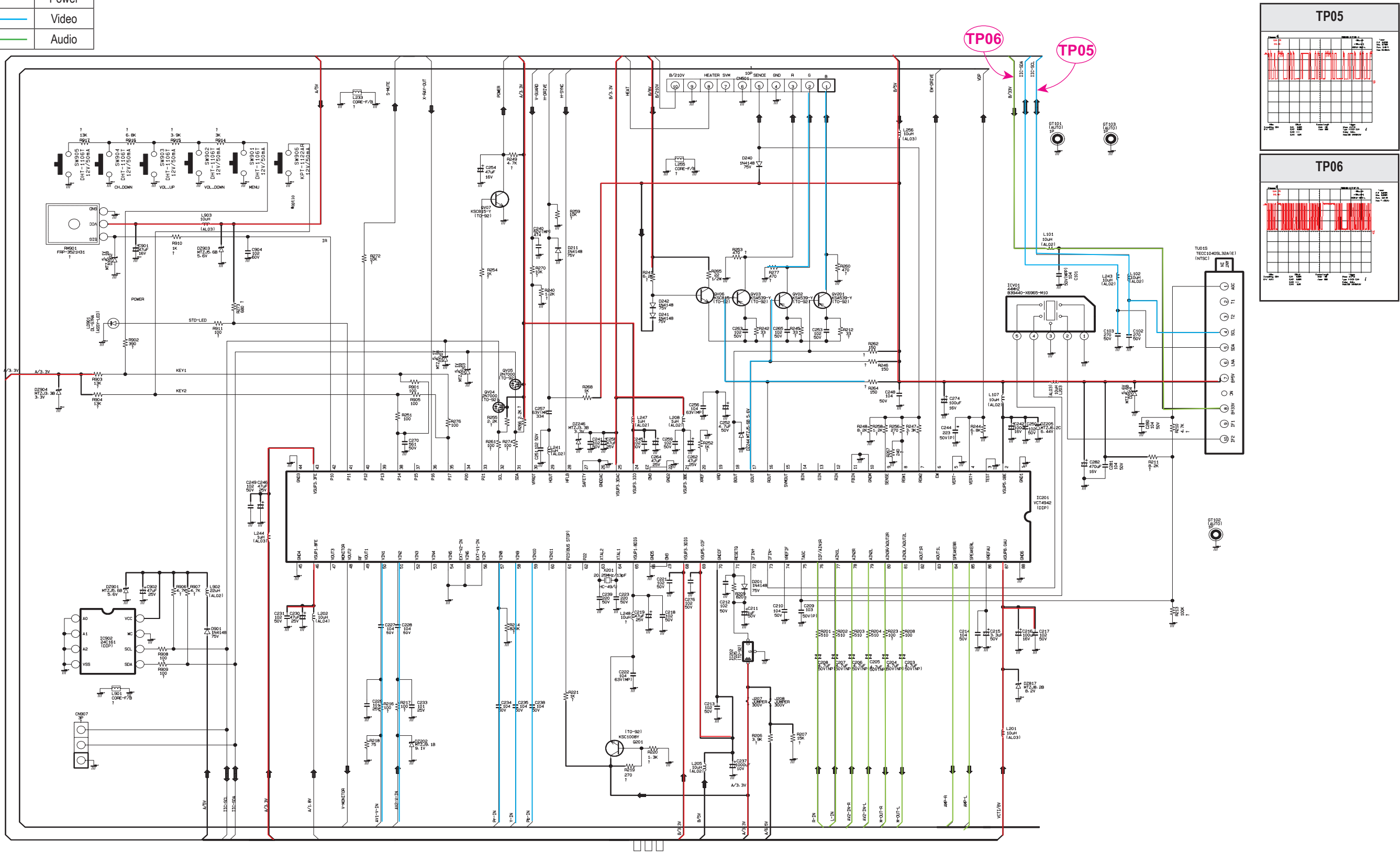
# MEMO

7-2 Schematic Diagram

7-2-1 Main Board

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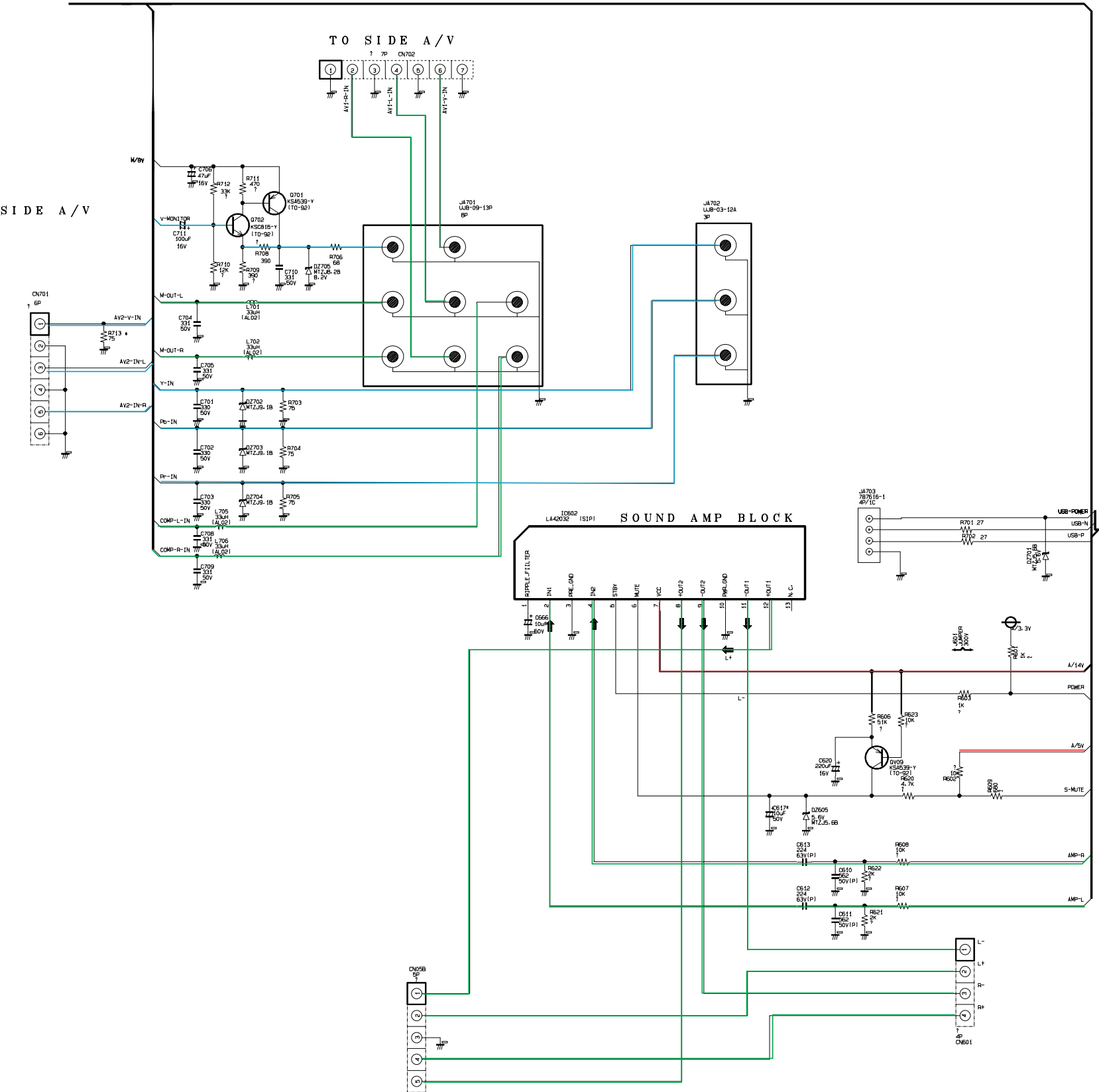
<span style="color: red;">—</span>	Power
<span style="color: blue;">—</span>	Video
<span style="color: green;">—</span>	Audio



7-2-2 A/V & Sound Block


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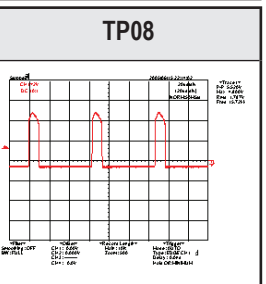
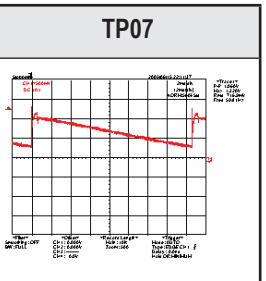
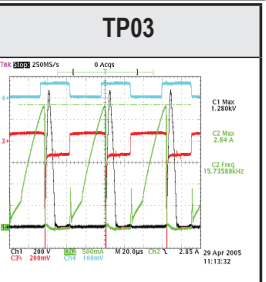
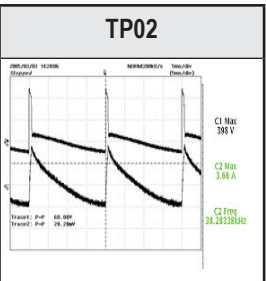
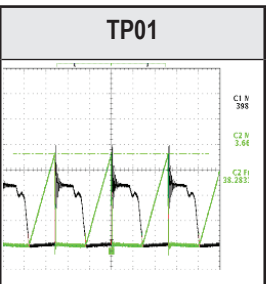
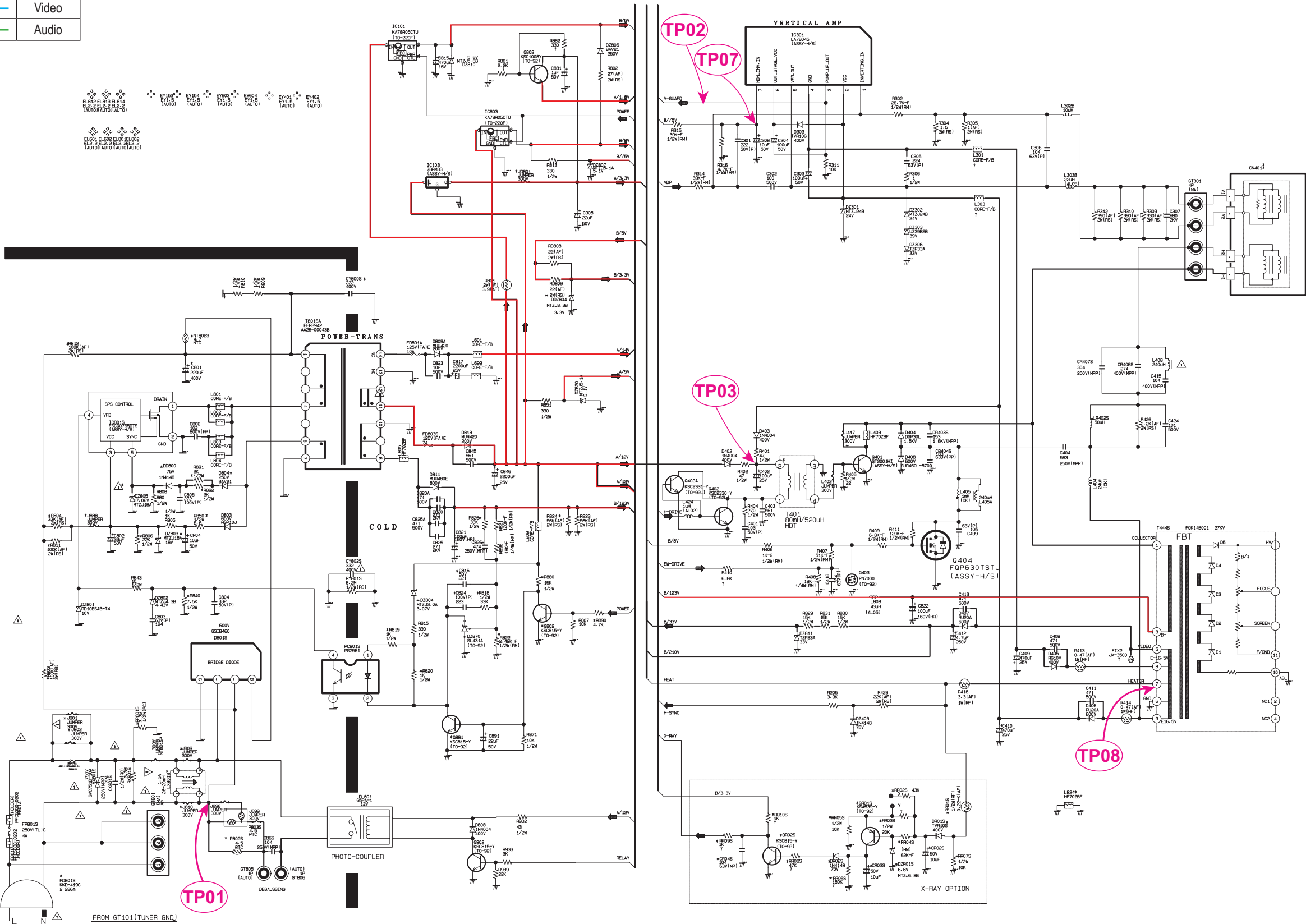
<div></div>	Power
<div></div>	Video
<div></div>	Audio



### 7-2-3 Power & Defulaction

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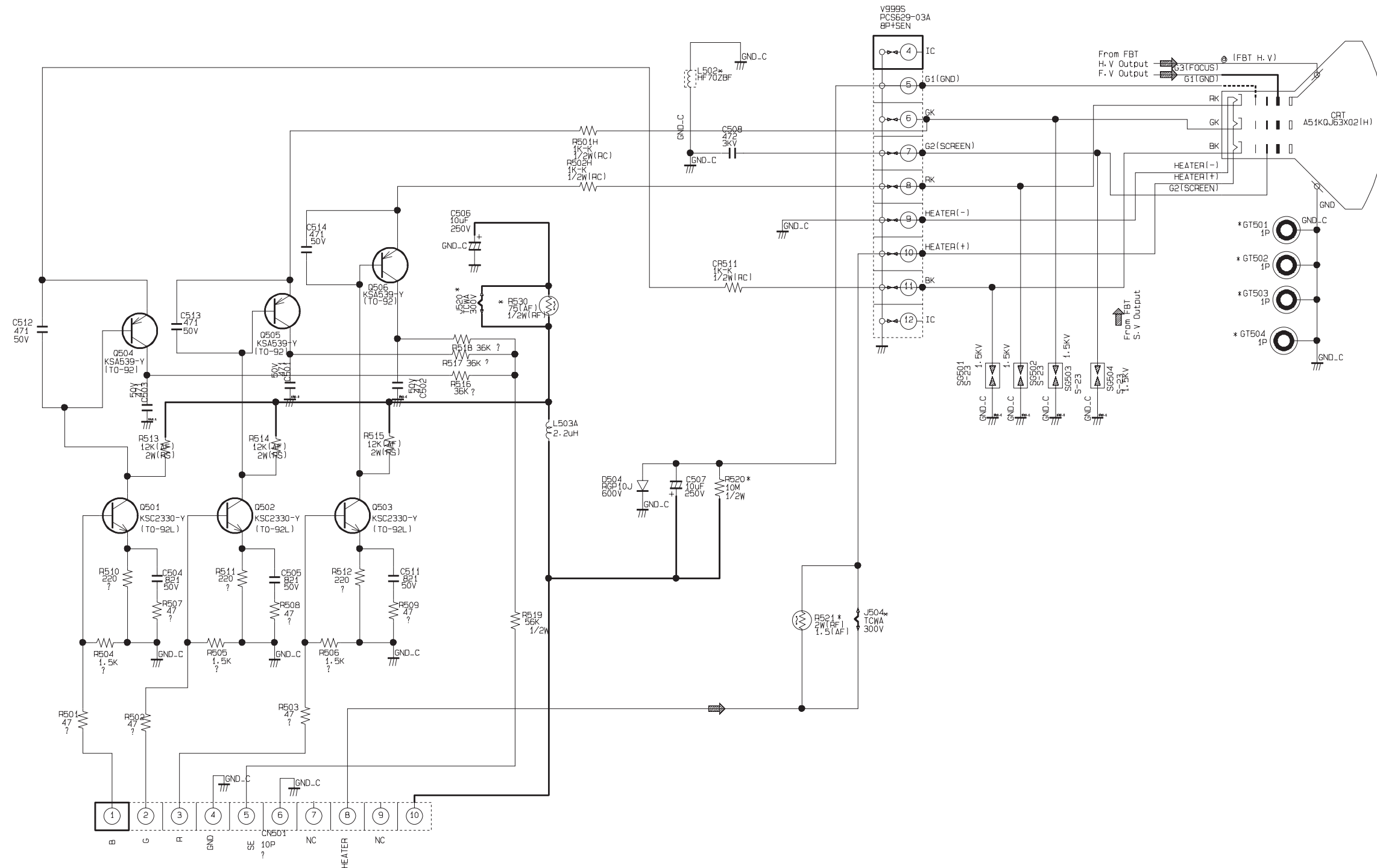
	Power
	Video
	Audio



#### 7-2-4 CRT Block

This Document can not be used without Samsung's authorization.

	Power
	Video
	Audio





7-2-5 AV Board

This Document can not be used without Samsung's authorization.

<span style="color: red;">—</span>	Power
<span style="color: blue;">—</span>	Video
<span style="color: green;">—</span>	Audio

