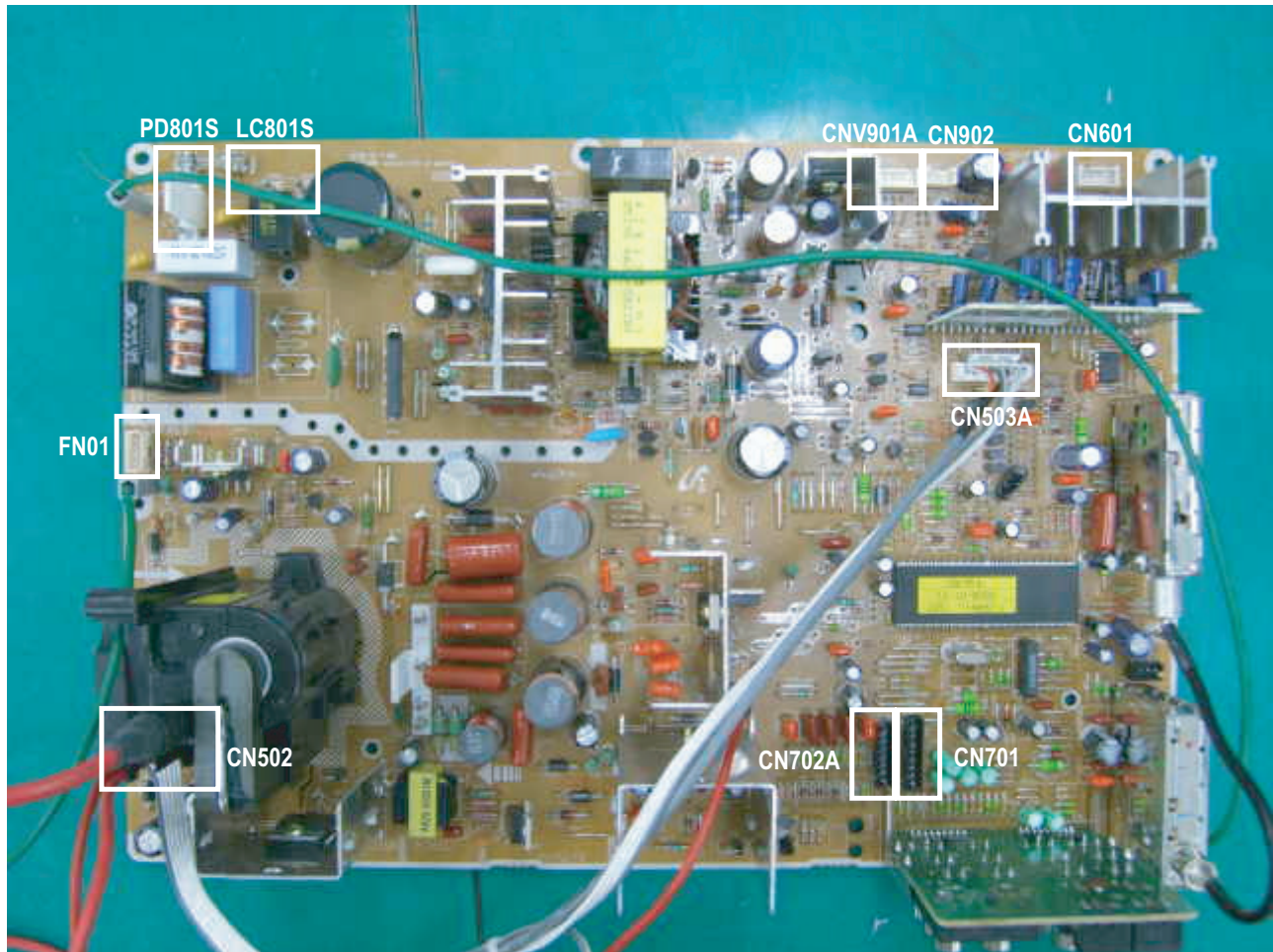


## 9. PCB Diagram

### 9-1 Main Board

#### 9-1-1 Assy Main Board



#### 9-1-2 Names & Roles of Key Parts

- \* PD801S : This is a 3P connected to Power-cord.
- \* FN01 : This is a 4P connected to Tilt-Coil.
- \* CN502 : This is a 6P connected to Video amp B+,Heater Voltage in CRT PCB.
- \* CN702A : This is a 7P connected to S-VHS signal in Side AV PCB.
- \* CN701: This is a 8P connected to AV2 signal in Side AV PCB.
- \* CN503A : This is a 8P connected from MAIN PCB to CRT PCB for R,G,B,AKB signal.
- \* CNV901A : This is a 6P connected from Tact,S/W pcb for IR,LED,5V.
- \* CN902 : This is a 4P connected from Control PCB for Key1,Key2 input signal.
- \* CN601 : This is a 4P connected to Speaker for Sound output signal.

**9-1-3 Main Board Connector Pin**

CN601

Connected to the Side Sound Port

PIN No.	Pin Name
1	R -
2	R+
3	L+
4	L-

CN503A

Connected to the CRT Ass'y

PIN No.	Pin Name
1	B
2	G
3	R
4	GND
5	SE
6	GND
7	F/B
8	TILT

CN503B

Connecte to the CRT Ass'y

PIN No.	Pin Name
1	-16.5V
2	+16.5V
3	GND
4	HEATER
5	NC
6	200V

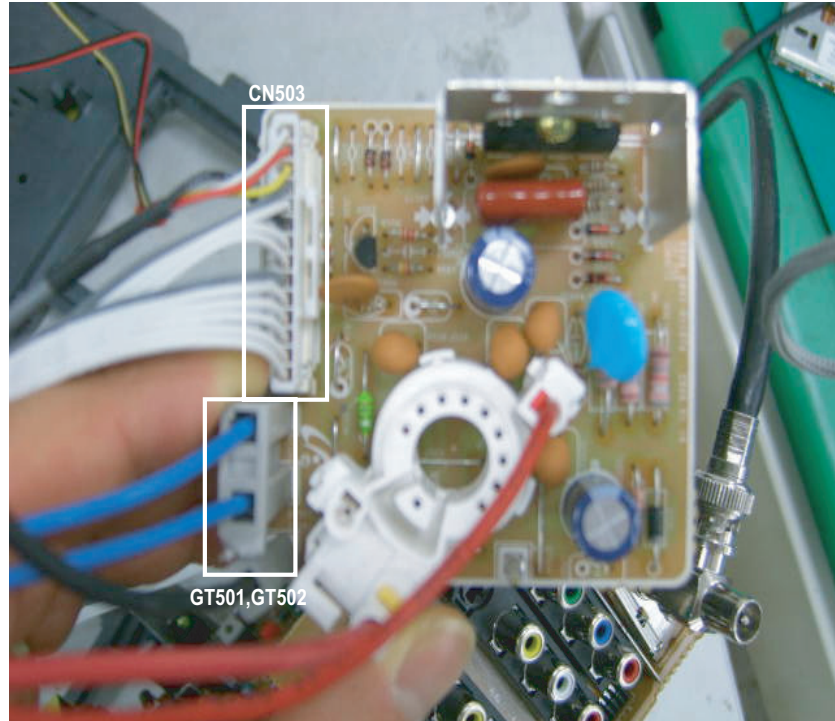
CN701

Connected to the Side AV Port

PIN No.	Pin Name
1	VO
2	GND
3	VI
4	GND
5	LO
6	RO
7	LI
8	RI

## 9-2 CRT Board

### 9-2-1 Assy CRT Board



#### ■ CRT Drive

This supplies the final R/G/B signal from the Main Board and the CRT deflection signal to the CRT.

### 9-2-2 Names & Roles of Key Parts

\* CN503 : This is a 14P connected from MAIN PCB for R/G/B/AKB/HEATER/B+200V.

\* GT501,GT502 : This is a 2P connected to TBC-WIRE.

### 9-2-3 CRT Board Connector Pin

CN503

Connects the R/G/B signal and power for the CRT and AMP from the Main Board.

PIN No.	Pin NAME
1	B
2	G
3	R
4	GND
5	SE
6	GND
7	F/B
8	TILT
9	-16.5
10	+16.5
11	GND
12	Heater
13	NC
14	+200V