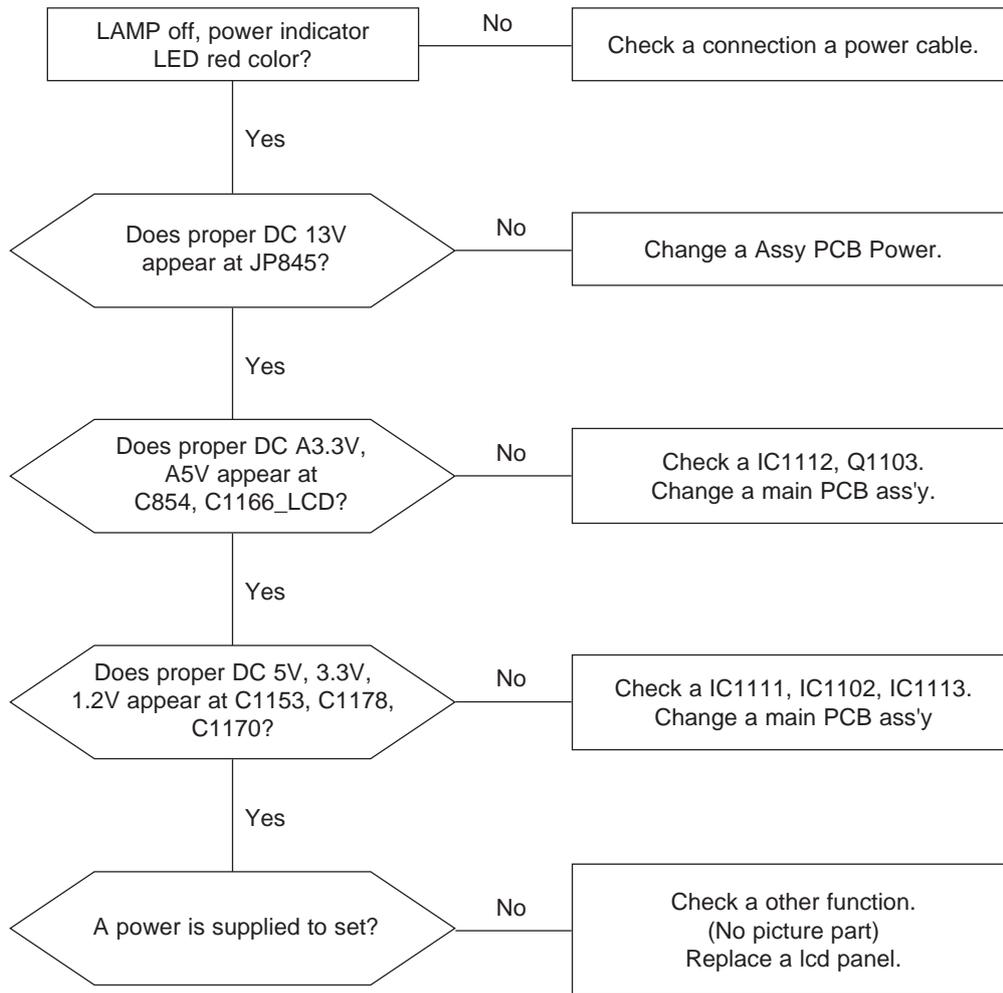

4 Troubleshooting

4-1 First Checklist for Troubleshooting

1. Check the various cable connections first.
 - Check to see if there is a burnt or damaged cable.
 - Check to see if there is a disconnected cable connection or a connection is too loose.
 - Check to see if the cables are connected according to the connection diagram.
2. Check the power input to the Main Board.
3. Check the voltage in and out between the SMPS ↔ Main Board, between the SMPS ↔ INVERTER Board, and between the Main LVDS Boards.

4-2 Checkpoints by Error Mode

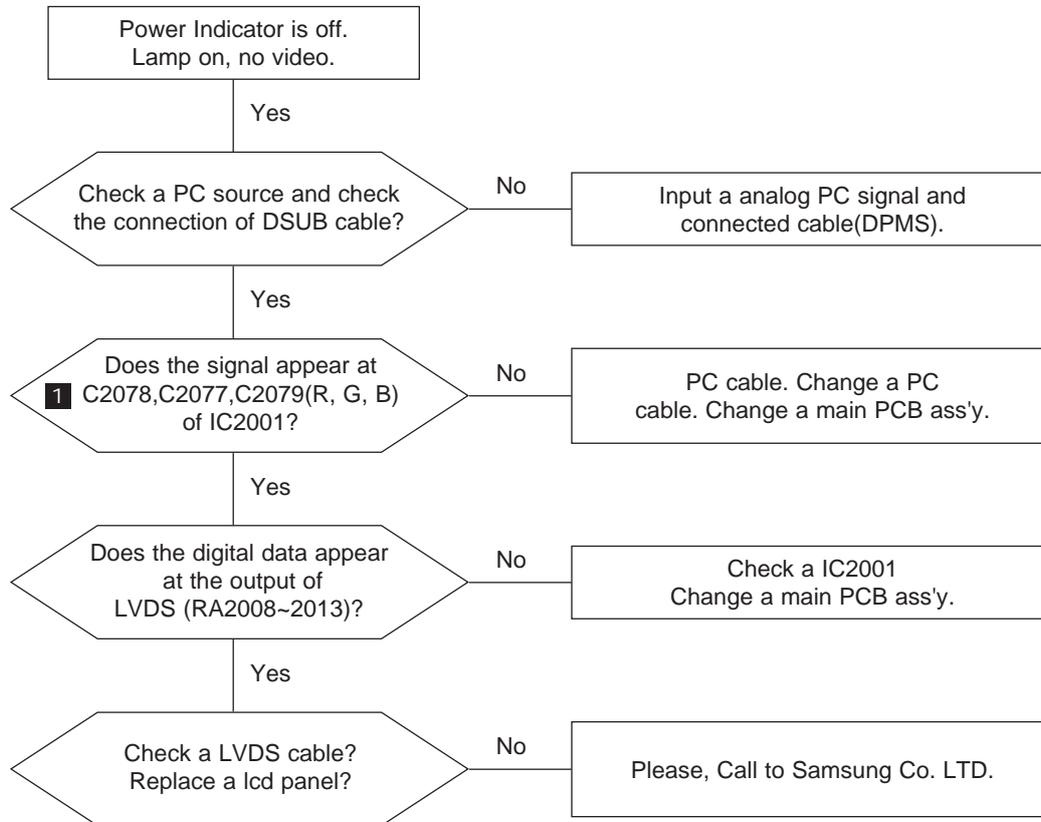
4-2-1 No Power



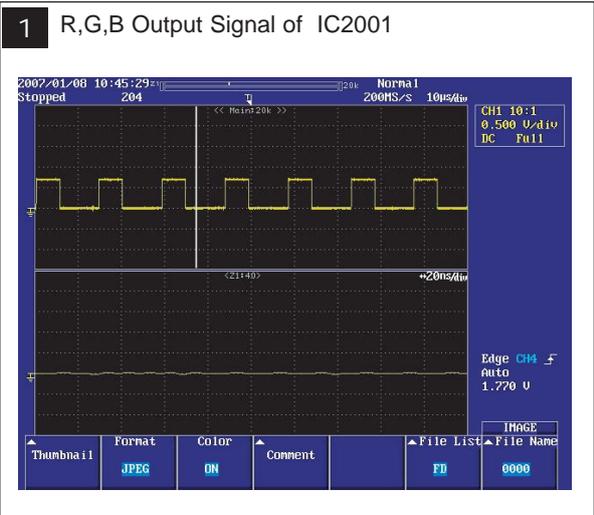
TIP: How to drive the circuit by force when LCD panel Lamp is faulty.

- It is available to drive the circuit when the pin of 2 in Main_Power_control CN1101 connect the pin of 4.

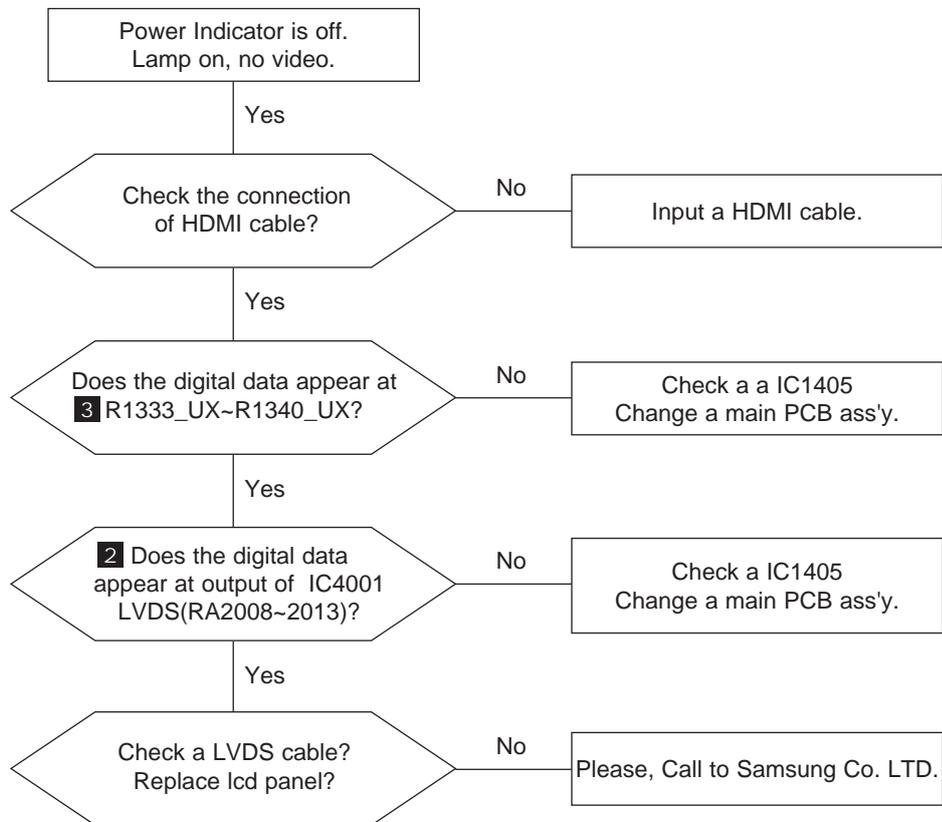
4-2-2 No Video (Analog PC)



WAVEFORMS

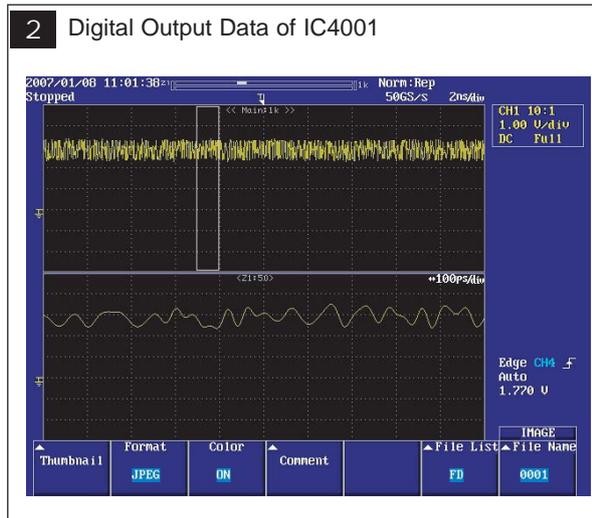


4-2-3 No Video (Digital-HDMI)

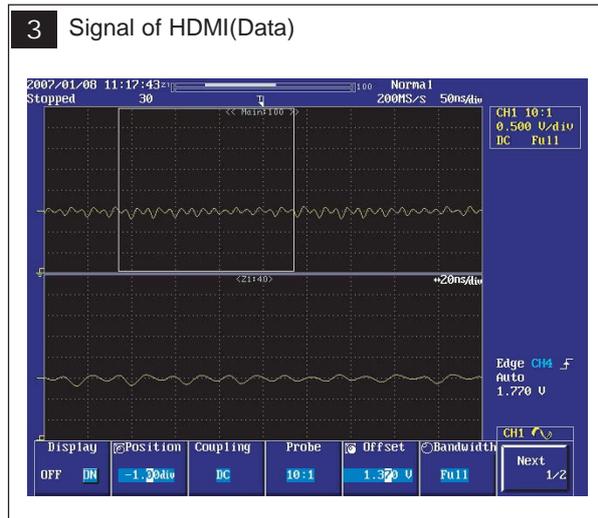


4 Troubleshooting

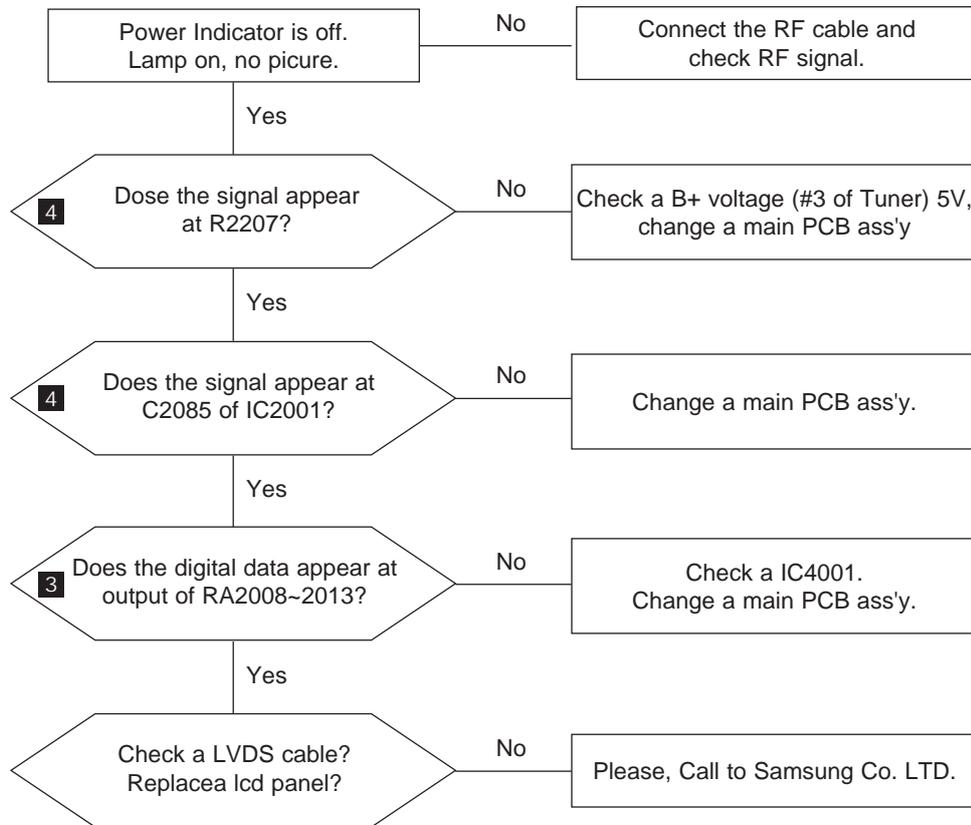
2 Digital Output Data of IC4001



3 Signal of HDMI(Data)

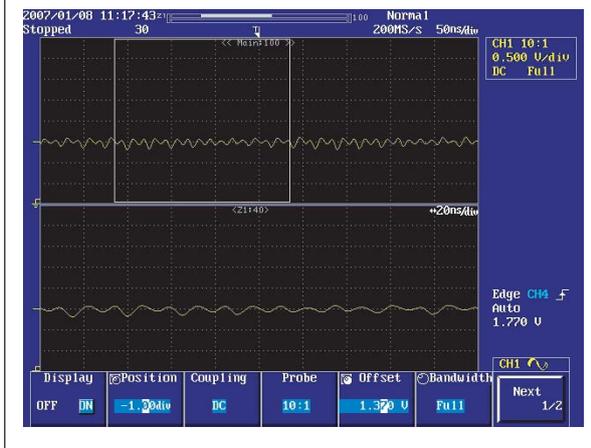


4-2-4 No Picture (Tuner_CVBS)

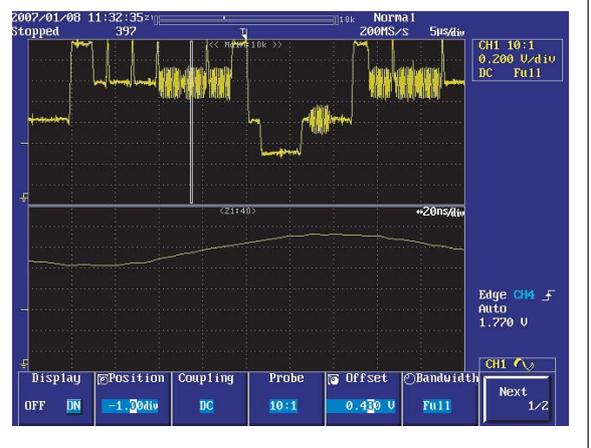


WAVEFORMS

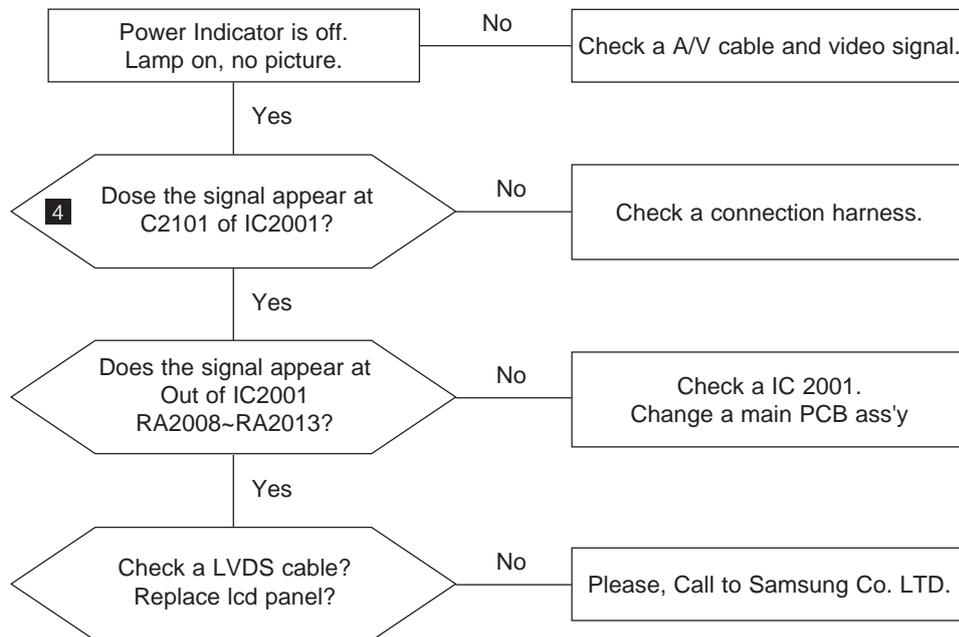
3 CVBS Output Signal



4 Tuner_CVBS Output Signal

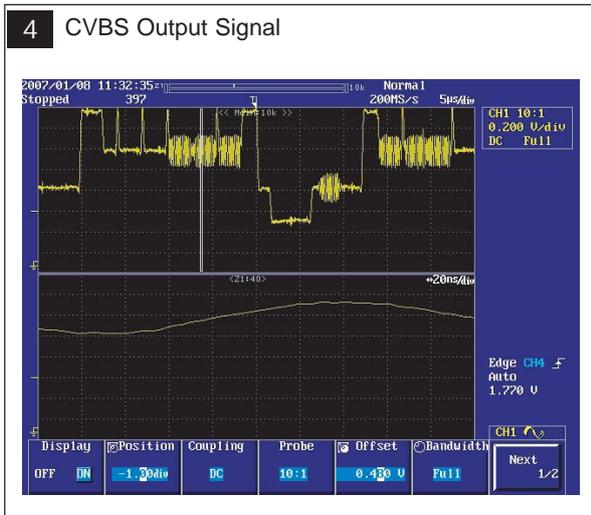


4-2-5 No Picture (Video_CVBS)

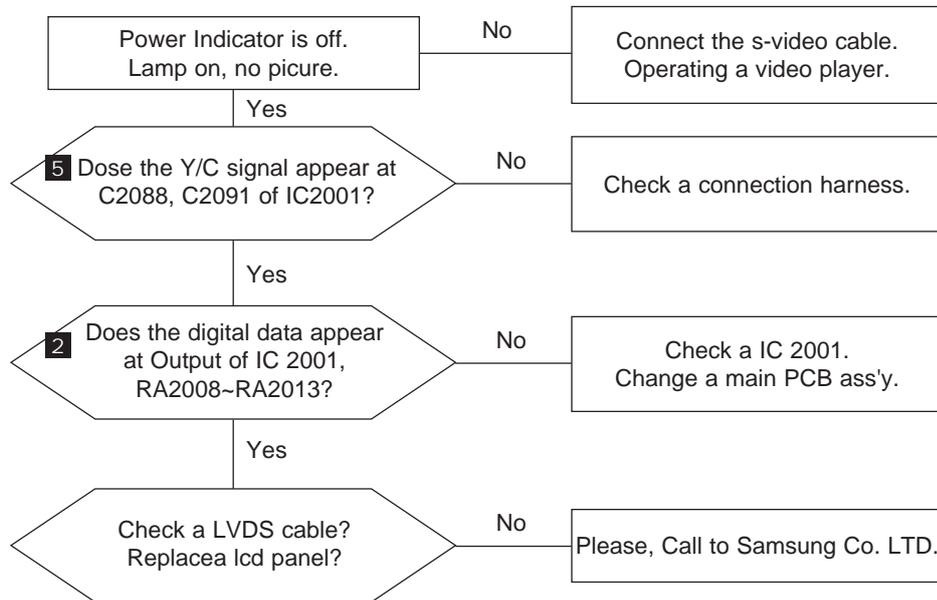


WAVEFORMS

4 CVBS Output Signal

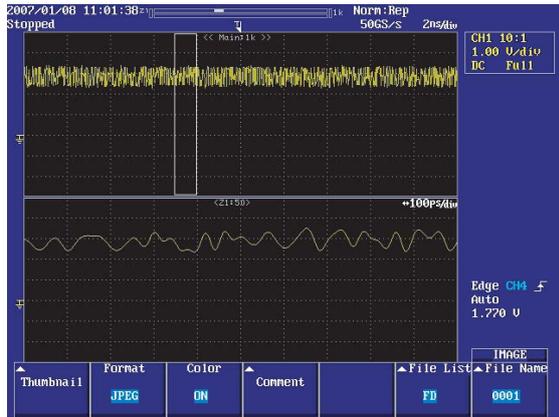


4-2-6 No Picture (S-VIDEO_Y,C)



WAVEFORMS

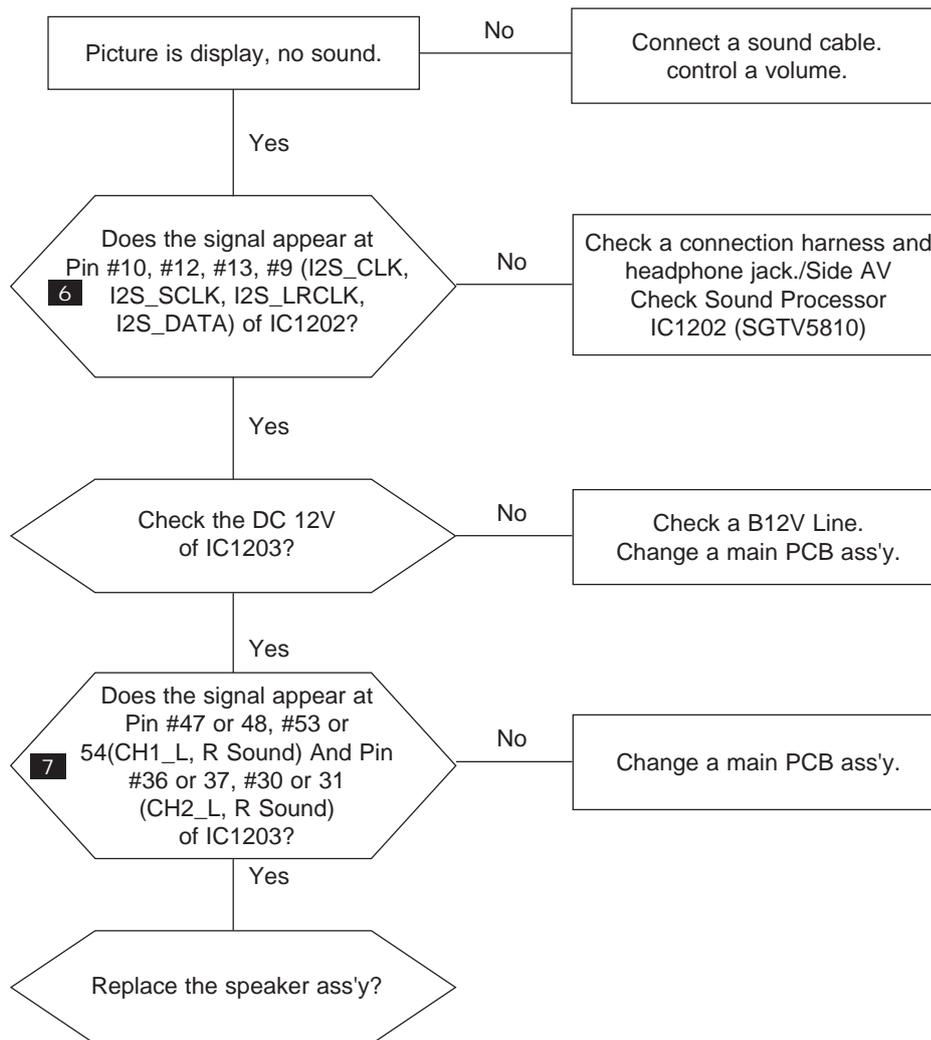
2 Digital Output Data of IC2001



5 Analog Signal(Y,C) to IC2001

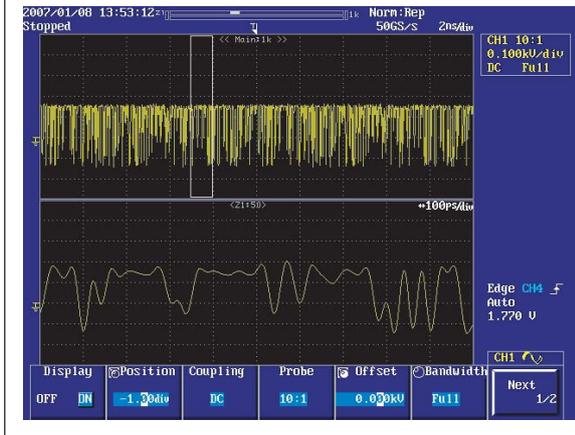


4-2-7 No Sound



WAVEFORMS

6 The Signal are Inputed to IC1202



7 The Signal are Inputed to IC1203

