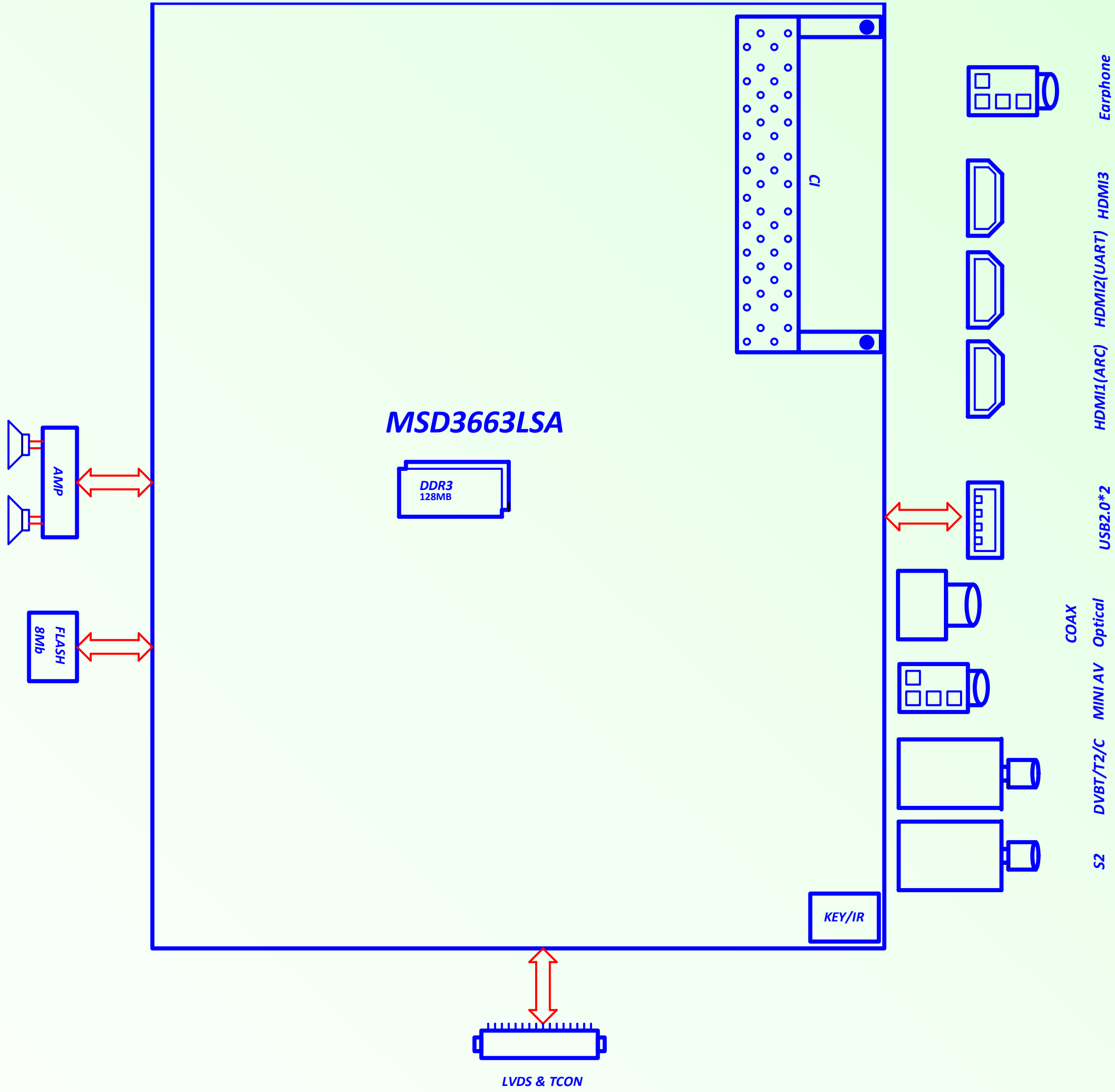
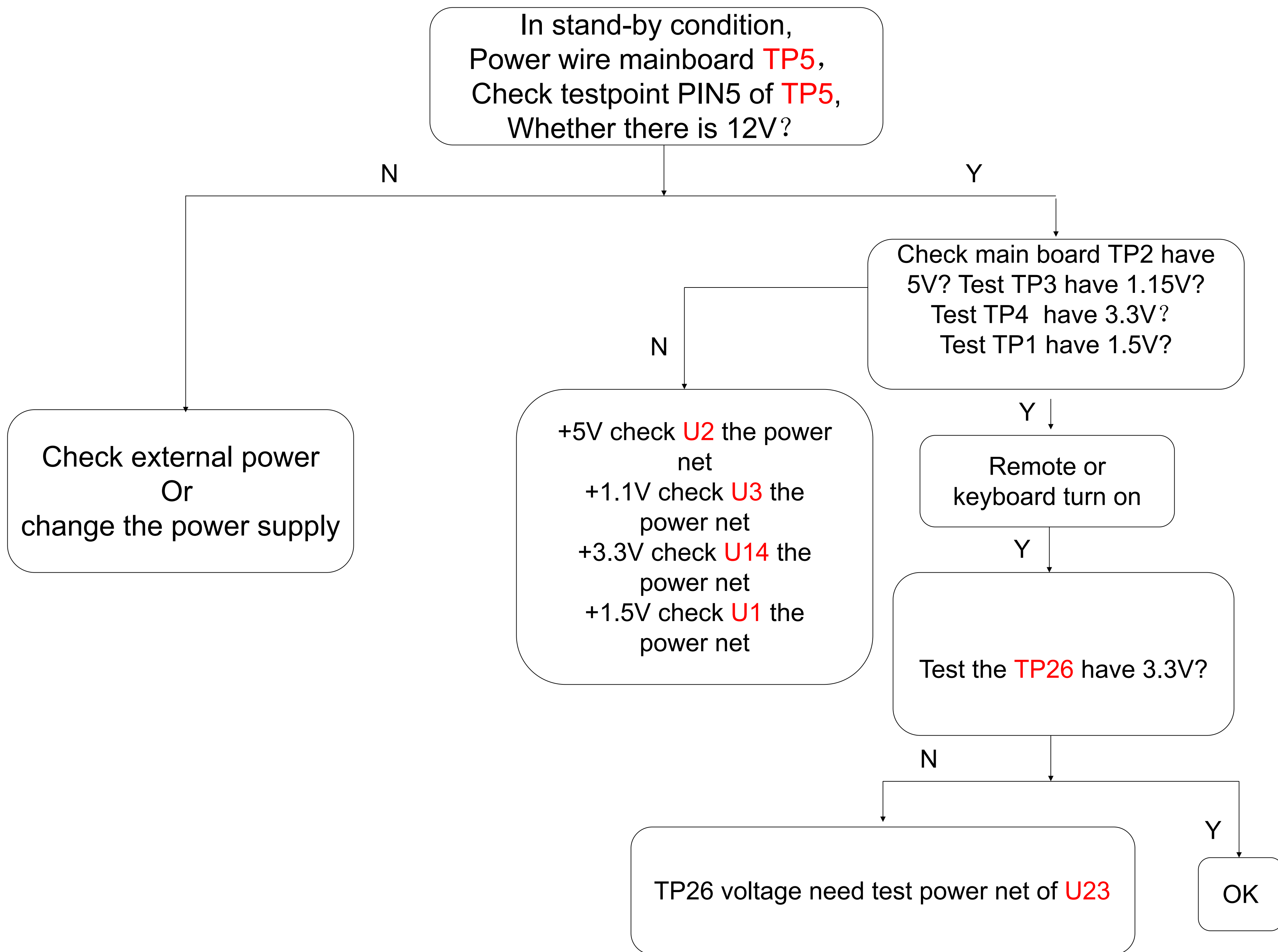


CV3663C-V32

Common problems solution

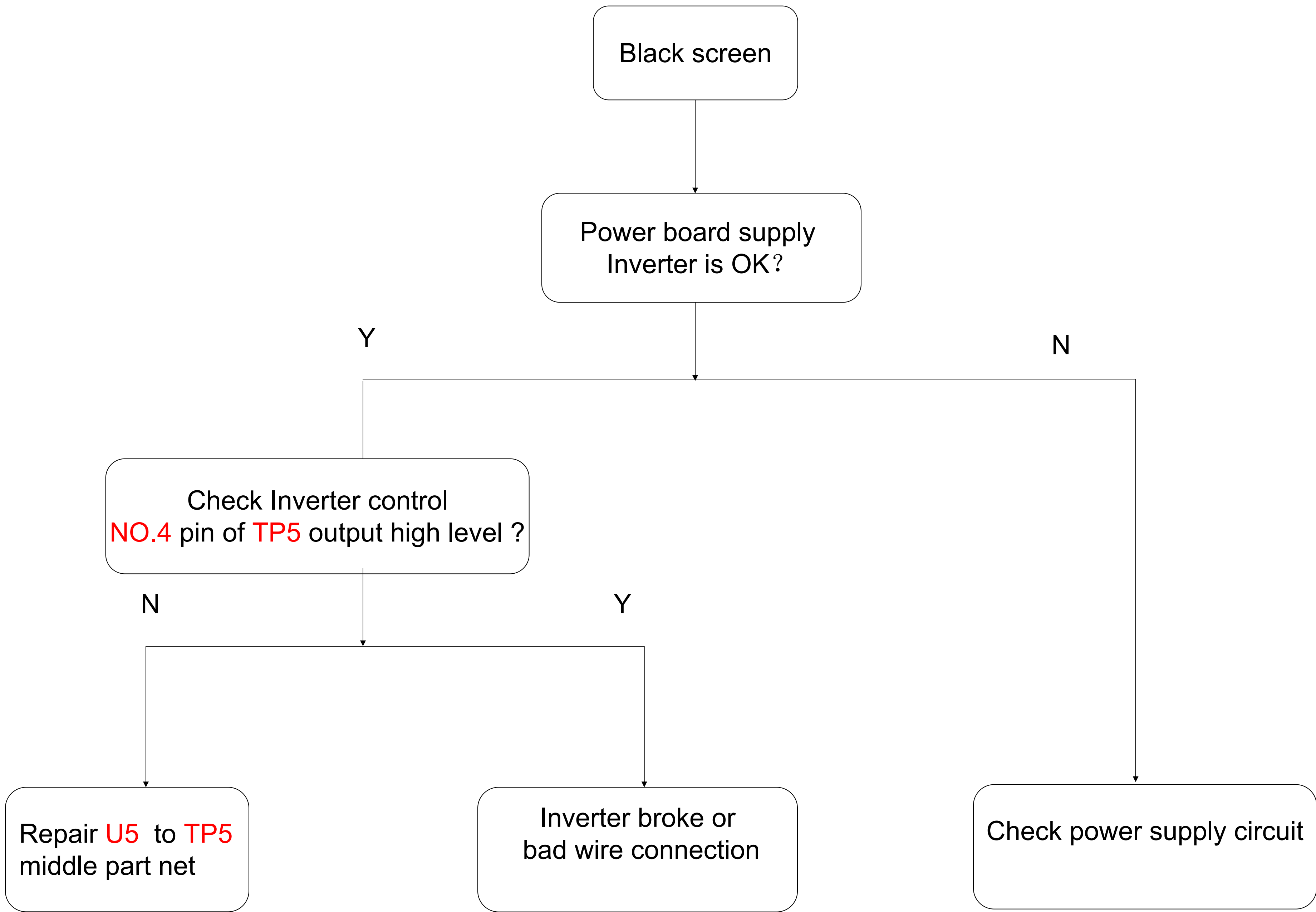
- Power Units Problem Solving**
- Display Units Problem Solving**
- Audio Units Problem Solving**
- Functional Units Problem Solving**



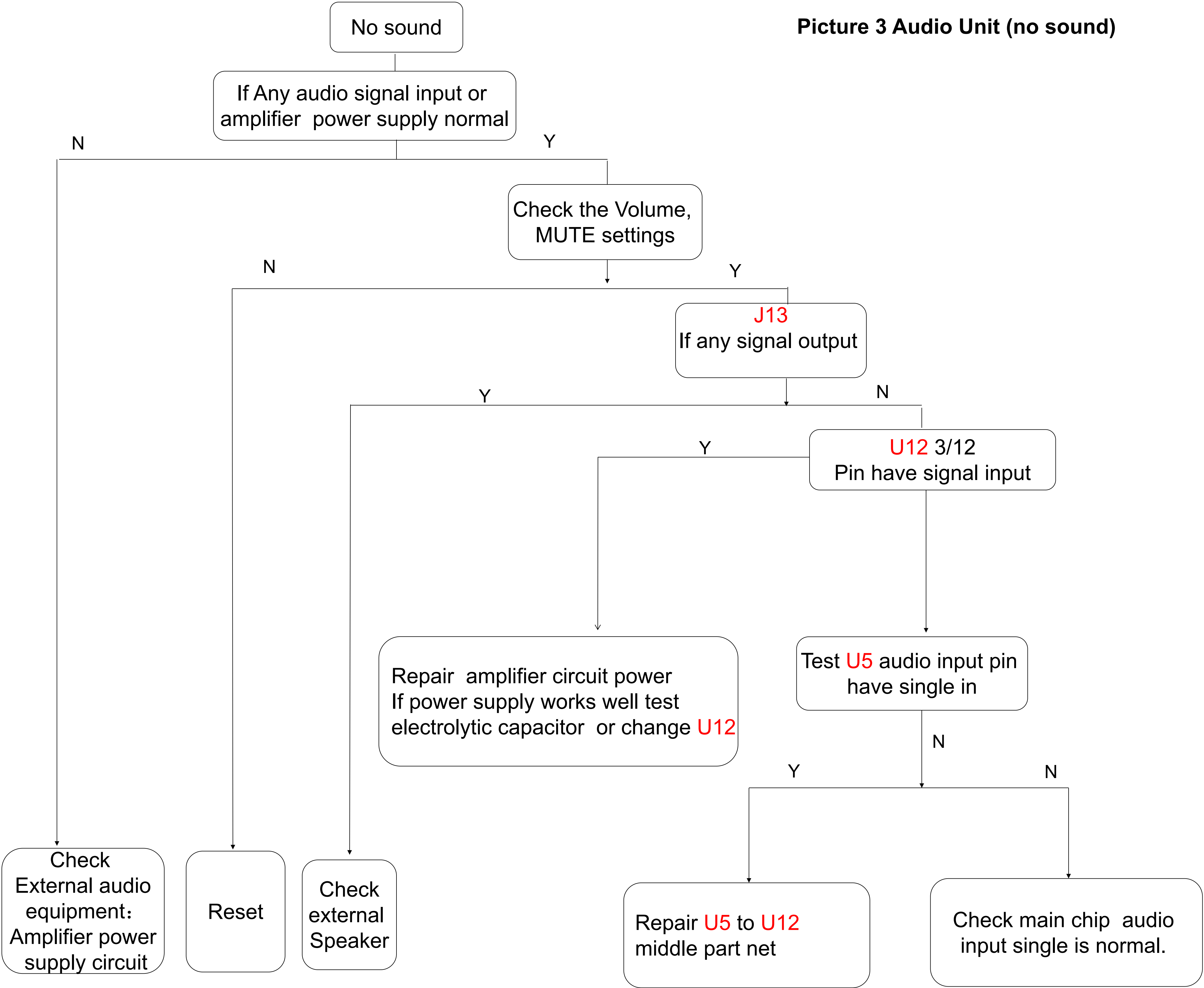


Picture 1; Power Units Problem Solving

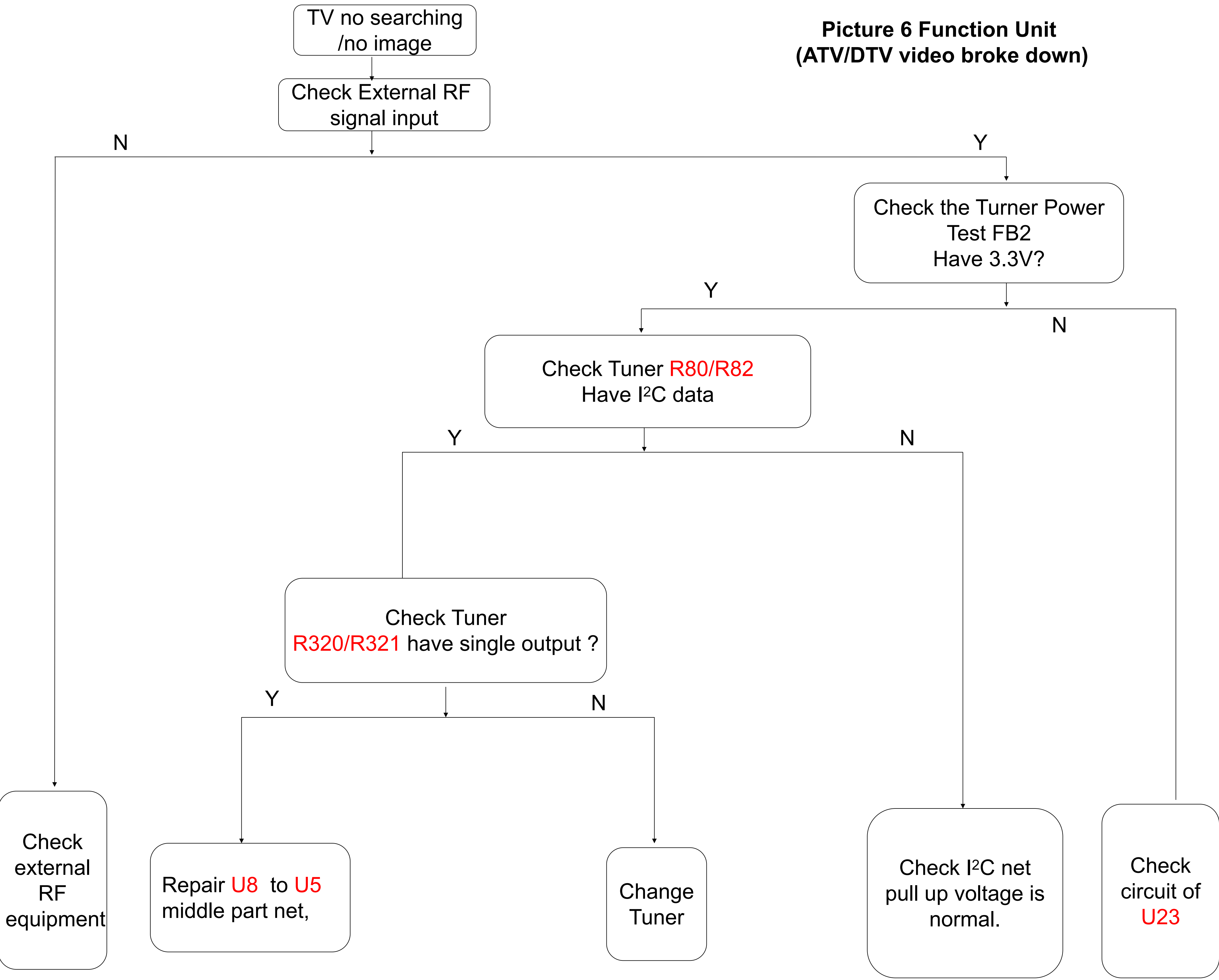
Picture 2 Display Unit
(black screen)



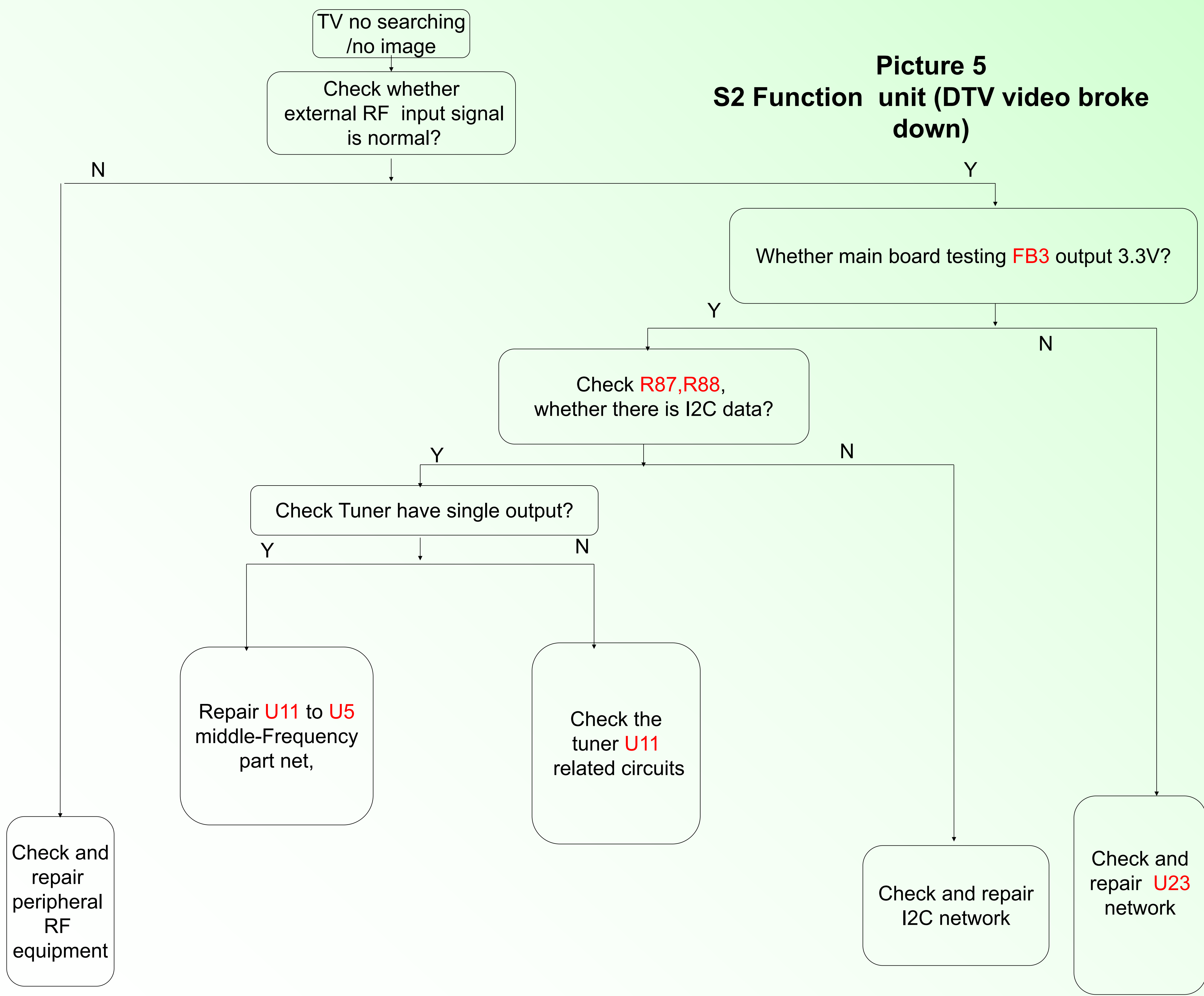
Picture 3 Audio Unit (no sound)



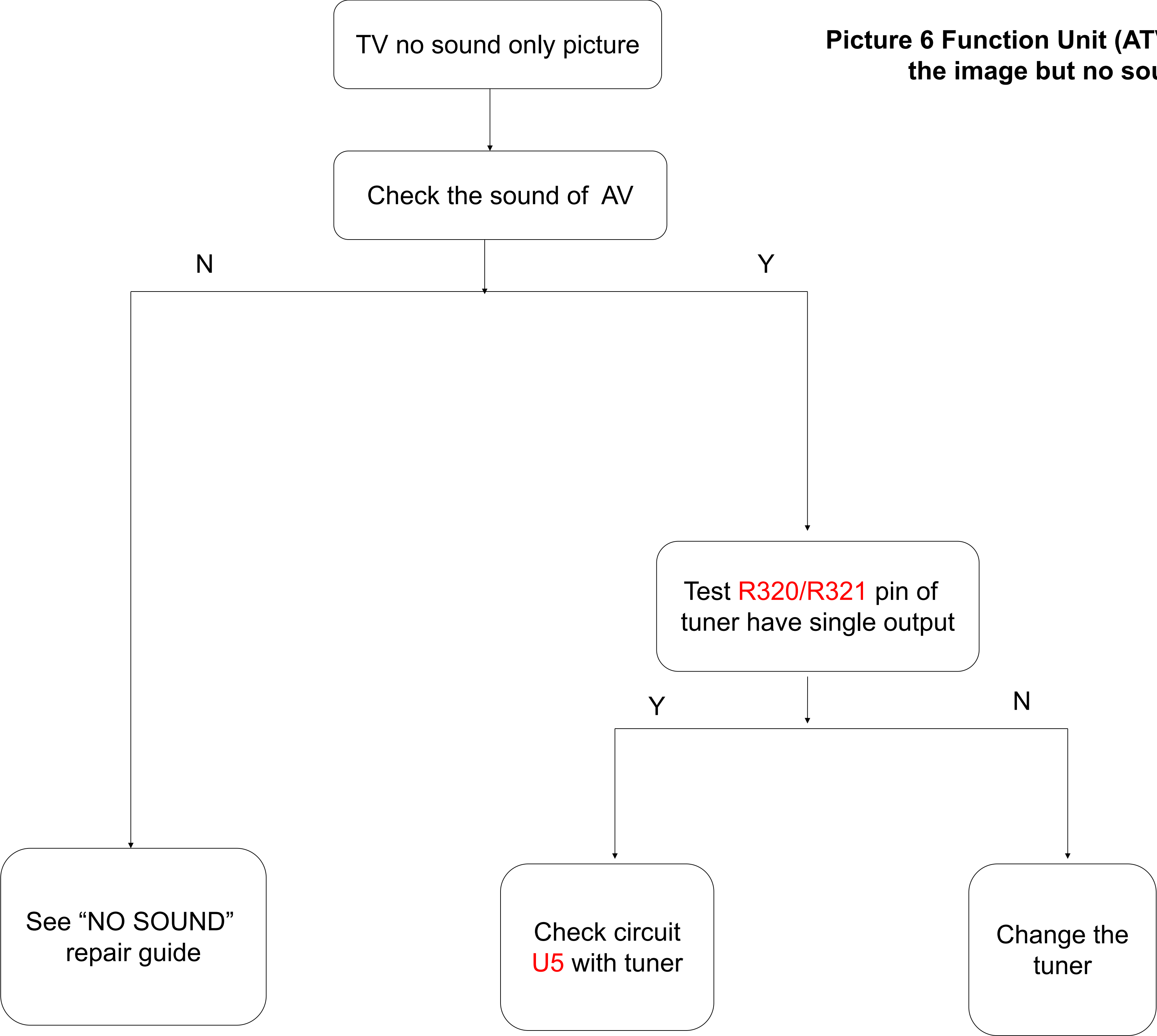
**Picture 6 Function Unit
(ATV/DTV video broke down)**



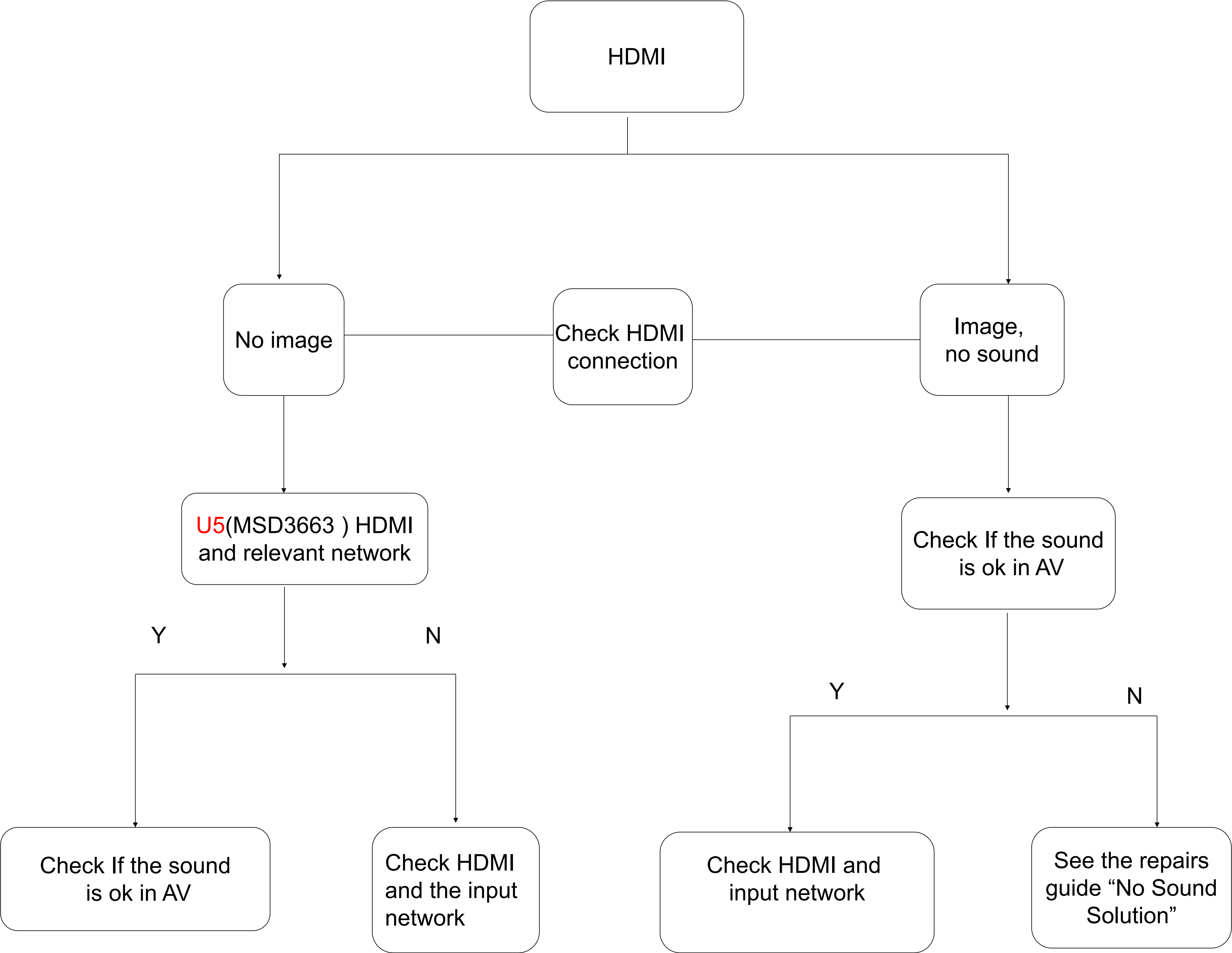
Picture 5
S2 Function unit (DTV video broke down)



Picture 6 Function Unit (ATV/DTV with the image but no sound)

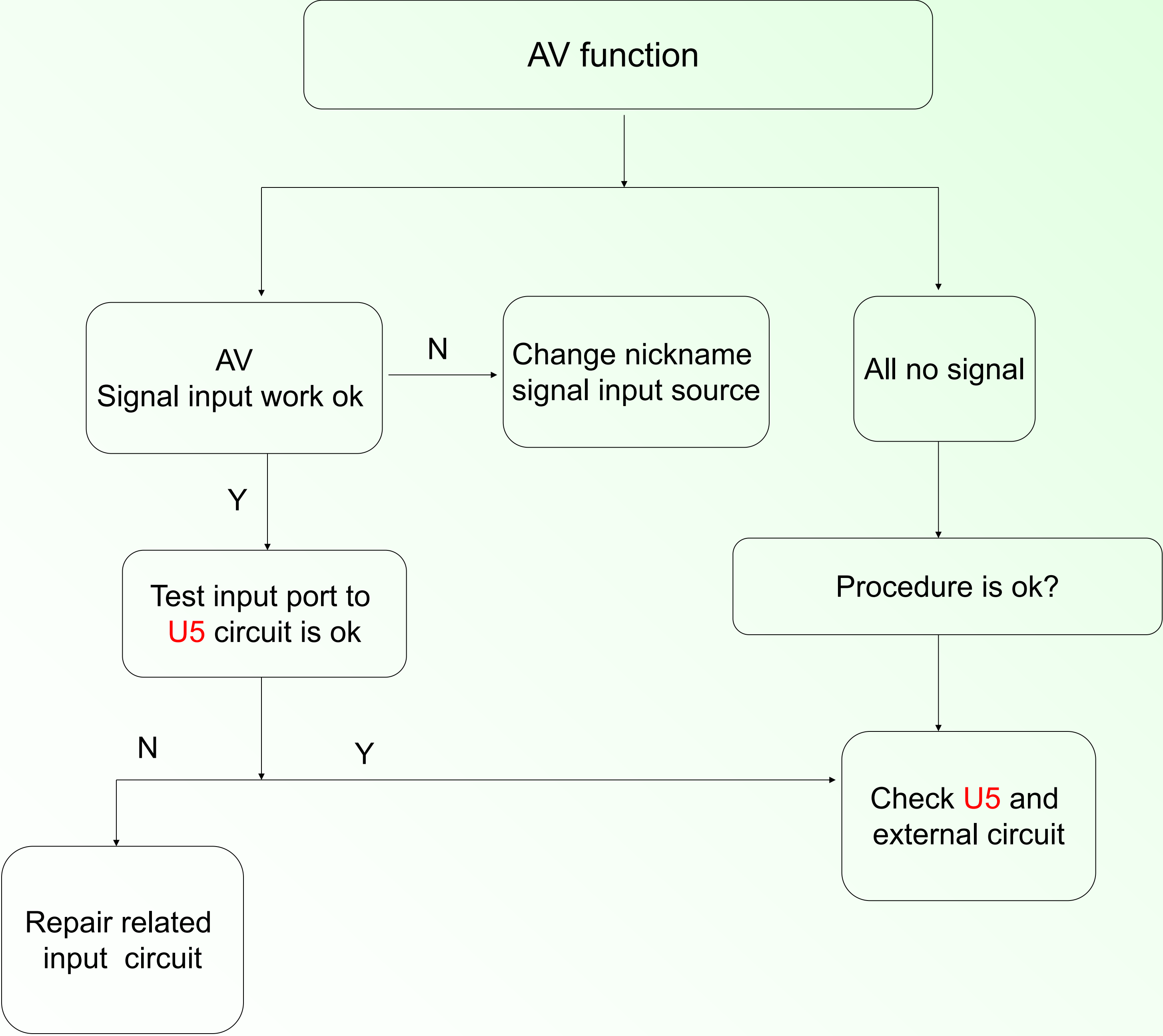


Picture 7 Function Unit (HDMI)



Picture 8 Function

(AV)

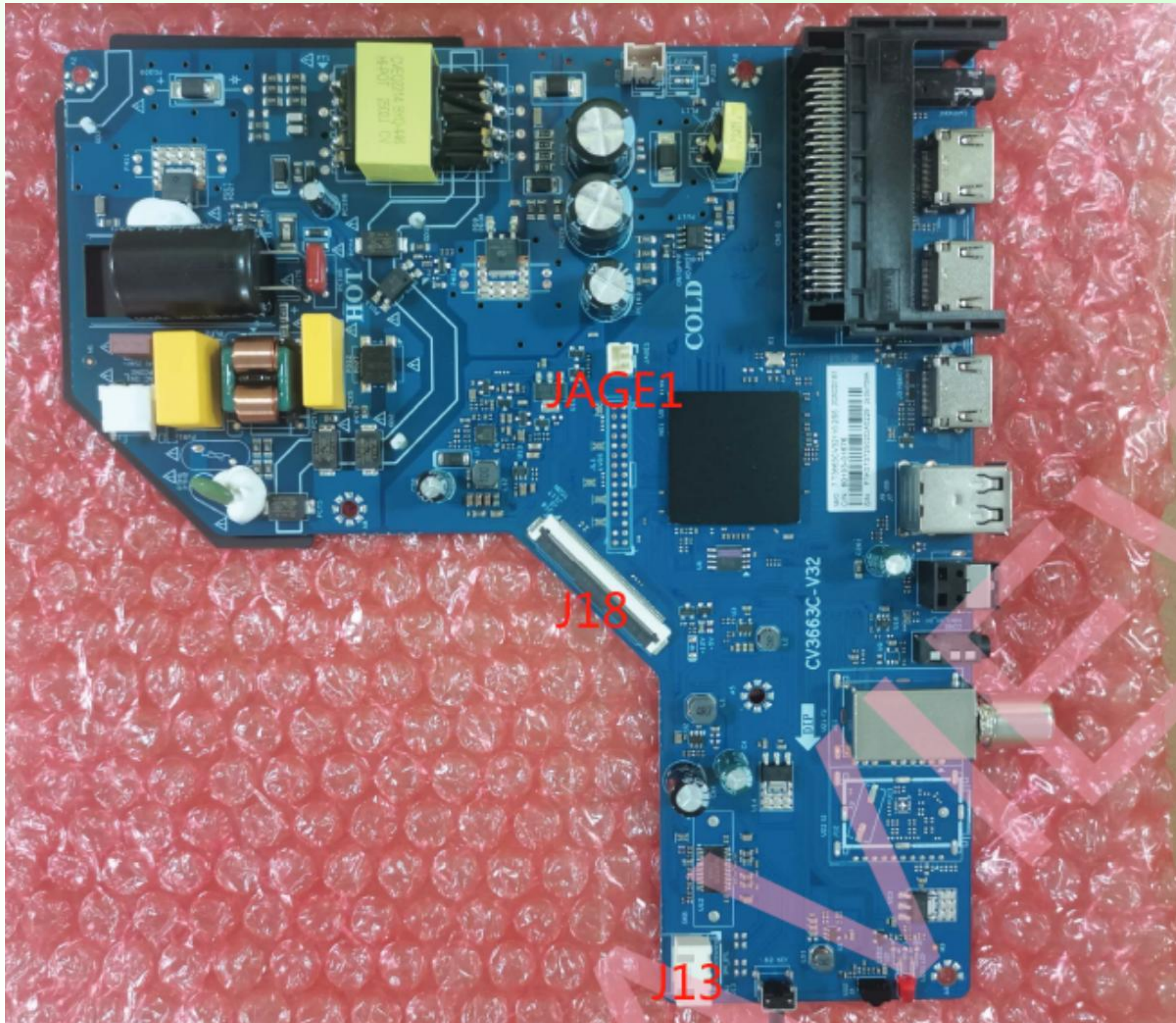


Schematic:



CV3663C-V32-11.pdf

Interface Definition:



Interface Definition:

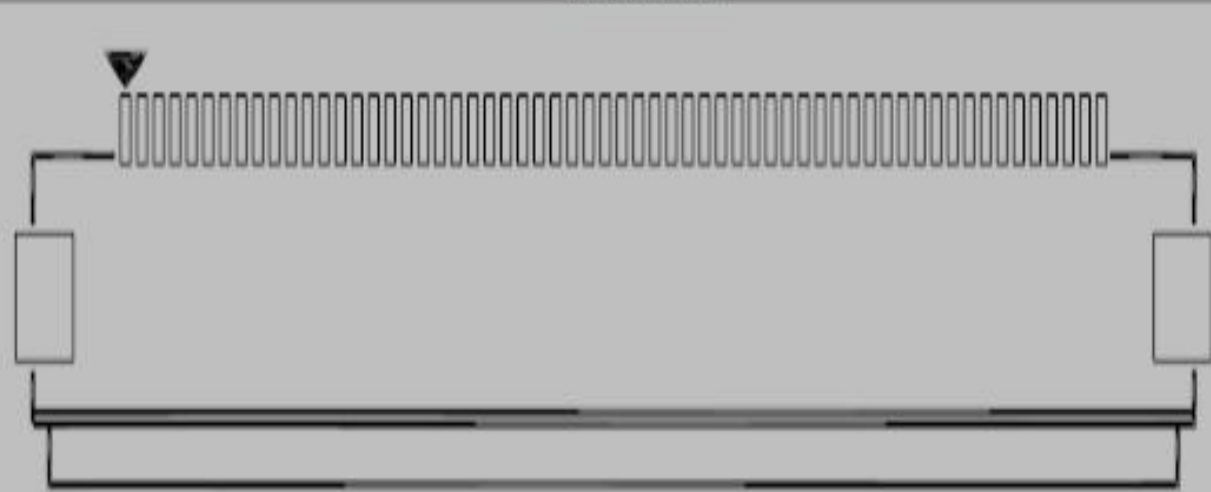
J13 SPEAKER CONNECTOR(4PIN/2.54/BTL)

		
NO.	SYMBOL	DESCRIPTION
1	ROUT+	Audio R+ Channel Output
2	ROUT-	Audio R- Channel Output
3	LOUT-	Audio L- Channel Output
4	LOUT+	Audio L+ Channel Output

JAGE1 POWER SUPPLY CONNECTOR (2PIN/2.0)

		
NO.	SYMBOL	DESCRIPTION
1	+12V	Power Aging Connector
2	GND	Ground

Interface Definition:

J18 MINI LVDS INTERFACE(60PIN/0.5/FFC) (<u>nimiLVDS</u>)		
		
NO.	SYMBOL	DESCRIPTION
1	GND	GROUND
2	mLV0P	Differential inputs (<u>mini-LVDS</u>) for 8-bit RGB data and control signal
3	mLV0N	
4	mLV1P	
5	mLV1N	
6	mLV2P	
7	mLV2N	
8	GND	GROUND
9	<u>mLVCLKP</u>	Differential inputs (<u>mini-LVDS</u>) for 8-bit RGB data and control signal
10	<u>mLVCLKN</u>	
11	GND	GROUND
12	mLV3P	Differential inputs (<u>mini-LVDS</u>) for 8-bit RGB data and control signal
13	mLV3N	
14	mLV4P	
15	mLV4N	
16	mLV5P	
17	mLV5N	
18	GND	GROUND

19	GND	
20-33	NC	NO CONNECTION
34	GND	GROUND
35	AVDD	Power supply for analog circuit
36	AVDD	
37	AVDD	
38	VMID	Power supply for analog circuit VMID=1/2AVDD
39	VMID	
40	PAIRMODE	Selects <u>mini-LVDS</u> input mode: H:6-Pair Mode. (default) L:3-Pair Mode
41	POL	Source driver polarity inversion signal
42	TP	Source driver latch signal
43	NC	NO CONNECTION
44	VCOM	common electrode for LCD
45	VCOM	
46	REF	Power supply for GAMMA reference
47	VON	Positive power supply for gate
48	VON	
49	GND	GROUND
50	VOFF	Negative power supply for gate
51	VOFF	
52	DVDD	Power supply for digital circuit
53	DVDD	
54	GND	GROUND
55	NC	NO CONNECTION
56	NC	
57	STV1	GOA vertical start pulse1
58	STV0	GOA vertical start pulse0
59	CPV2	GOA clock2 input
60	CPV1	GOA clock1 input