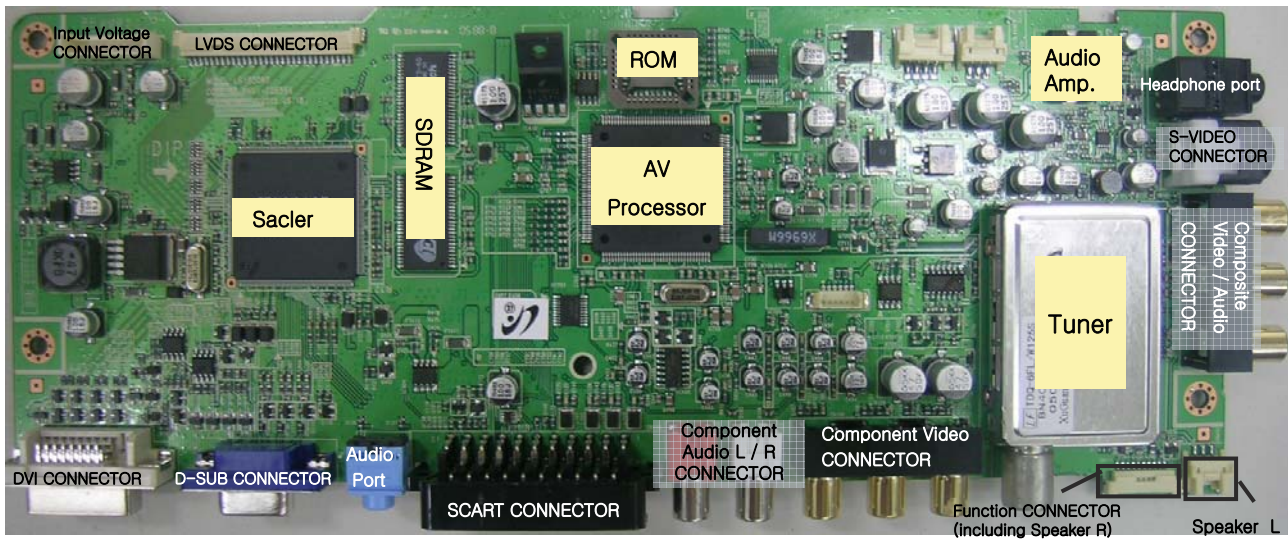


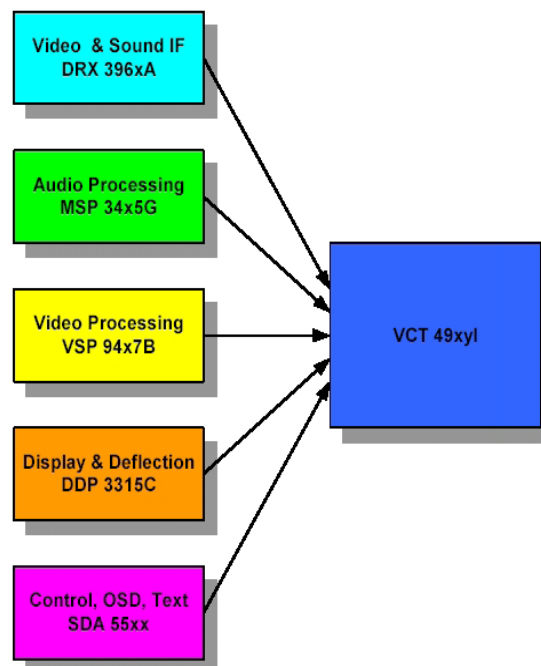
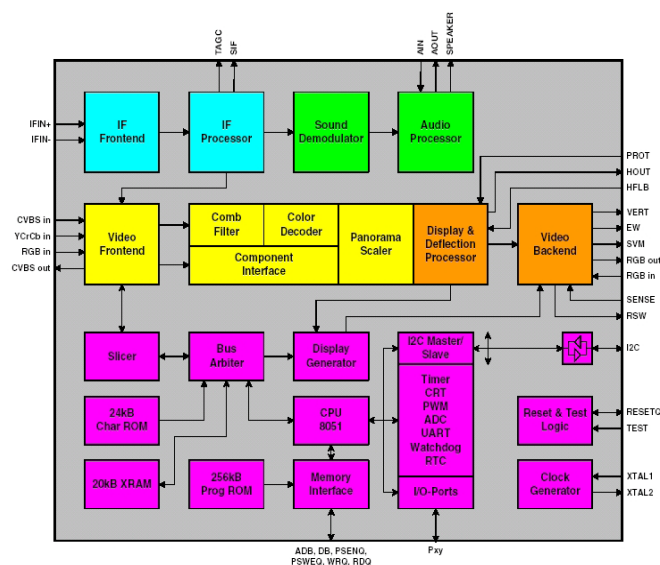
13 Circuit Descriptions

13-1 Block description



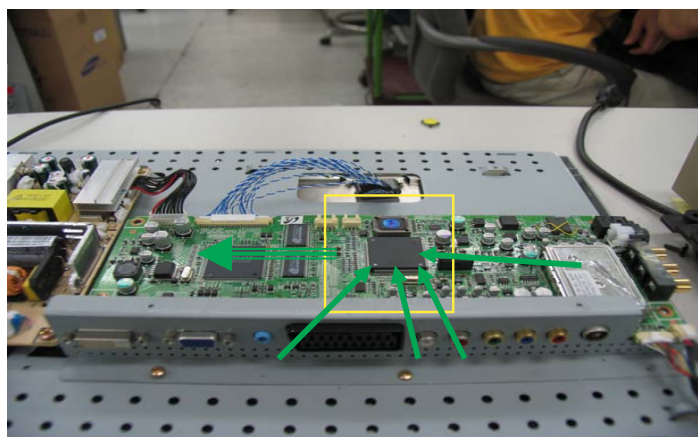
No	Block	Description	Name
1	UOCⅢ	Versatile signal processor (VSP)	TDA15021H
2	Scaler	SXGA LCD Controller with Analog Interface and Dual TTL/LVDS Transmitter	TSU396AWJ-LF
3	Tuner	Antenna RF in	TDQ-6FL
4	D_sub Input	D_sub input connector	
5	Function connector	Function key connector	
6	Speaker connector	Left, Right Speaker Ass'y connector	
7	Audio jack	JACK-EAR PHONE	
8	Filter	Video SAW Filter	K7257M
		Sound SAW Filter	K9652M
9	Audio IC	VOLUME CONTROL	TDA7496L
10	IP Board connector	Power in	

13-1-1 VCT49XYI (IC700)

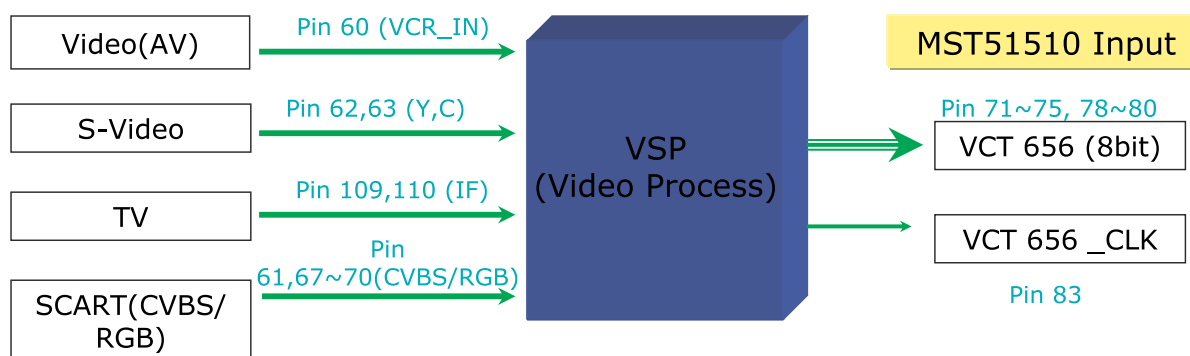


13-1-2 VSP Block

: CVBS, S-Video, RF(IF), SCART (RGB) Convert 656 format to video input and transfer to MST51510

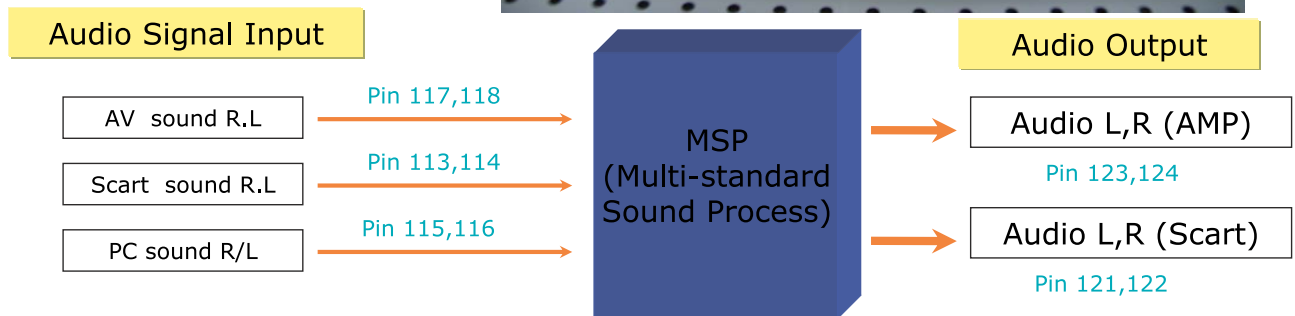
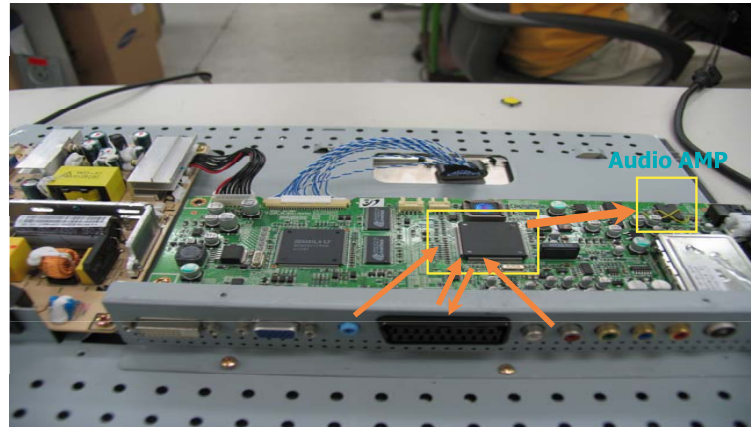


External Video Signal Input



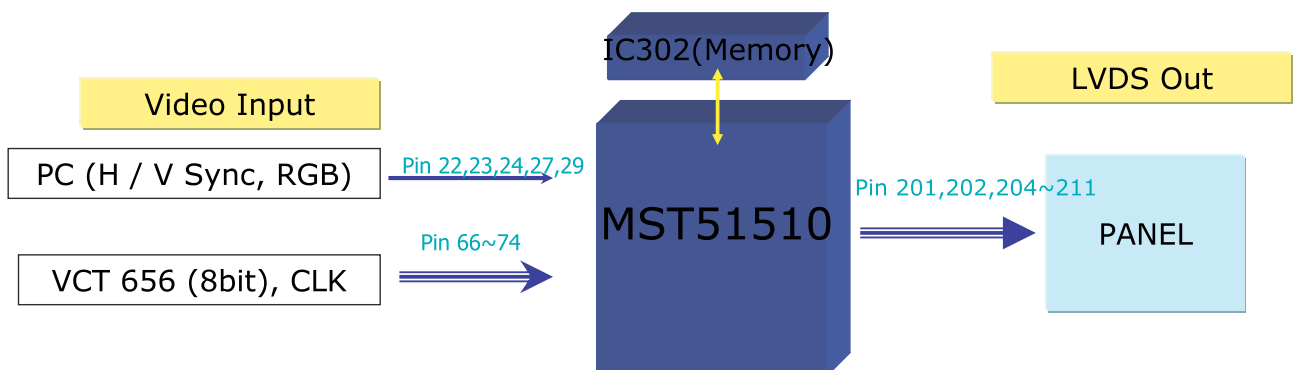
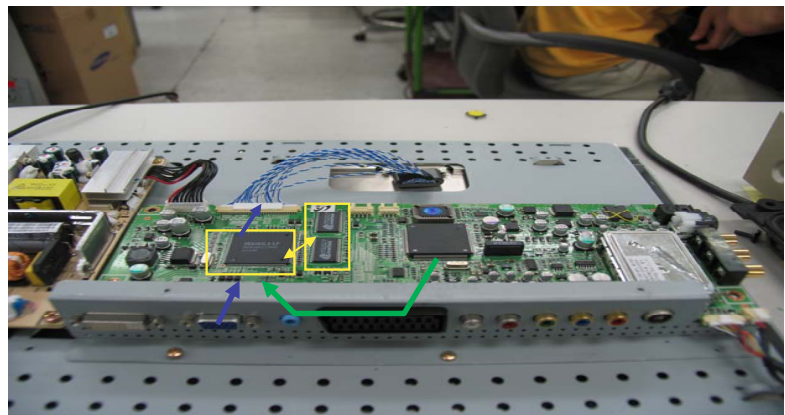
13-1-3 MSP Block

: PC, Sound L/R, SCART,
Receive audio input and send
out to AMP.



13-1-4 SE6181(IC301)

- Scaler(MFM)
- Support Digital Video Input
- Internal LVDS IC
- Support PIP
- OSD controller engine



13-1-5 Connect a Function Board to a Main Board

1	SPK_R-
2	SPK R+
3	NC
4	NC
5	GND
6	KEY_AD2
7	KEY_AD1
8	LEDGRN
9	IRRCVR
10	+3.3V_LIVE

Connect to
CN111(Function),CN402(Speake
) on Main Board

Speaker
(R)

Speaker Connector
Connect with right speaker

Speaker (L)

Function Connector
(Connect with Main board)