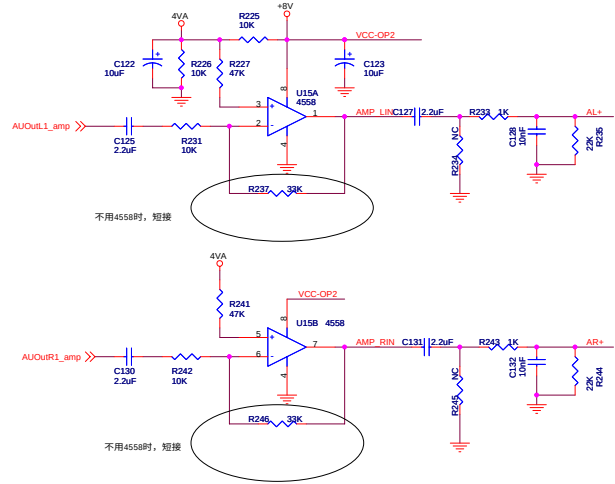
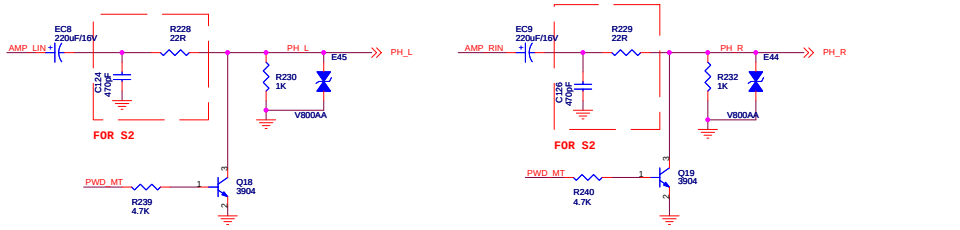


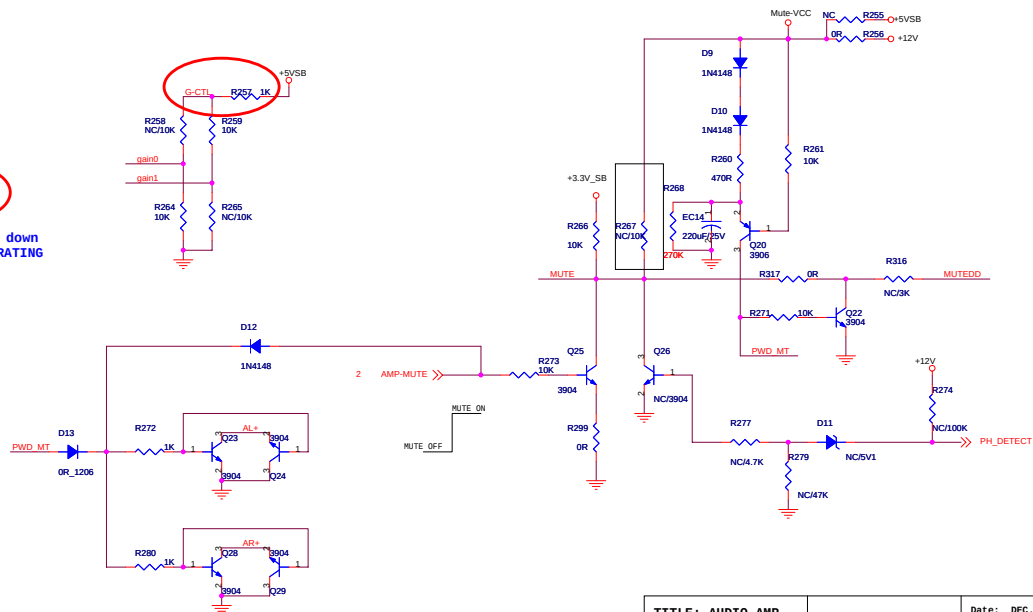
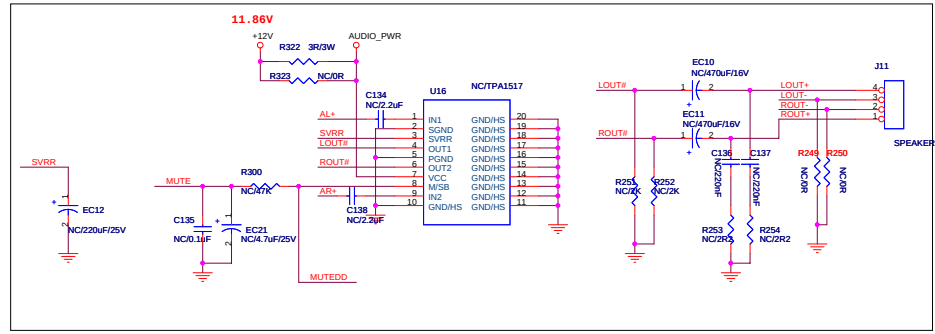
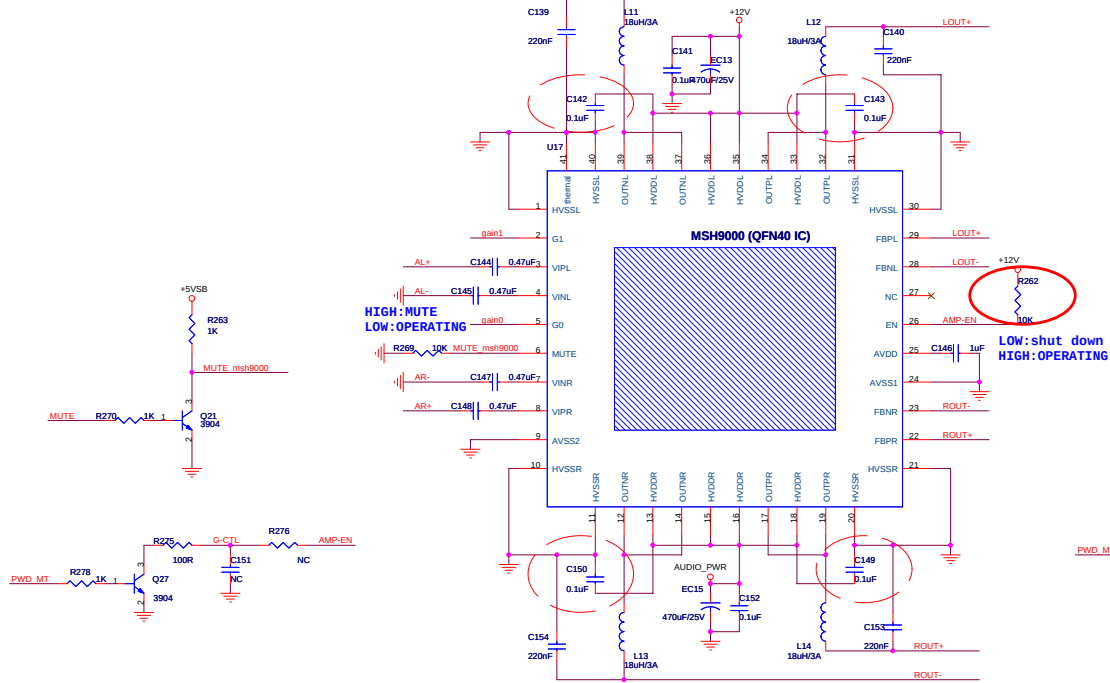
AUDIO Pre AMP



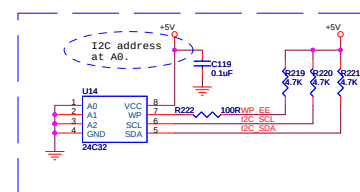
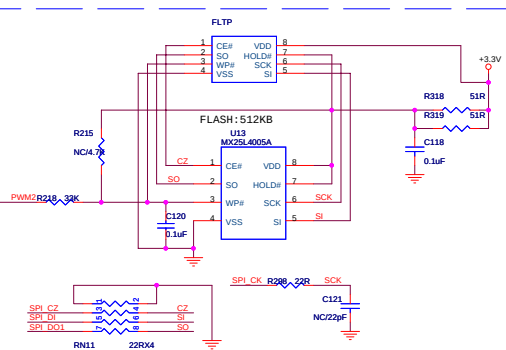
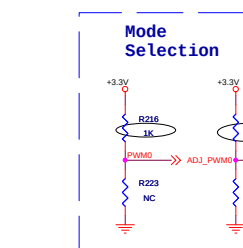
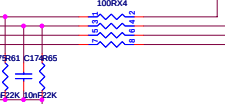
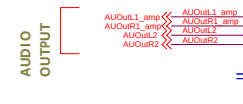
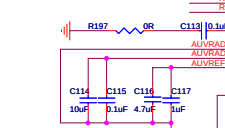
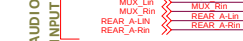
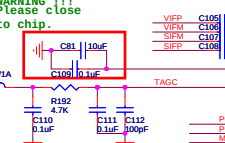
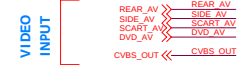
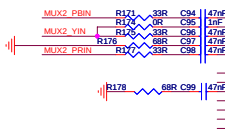
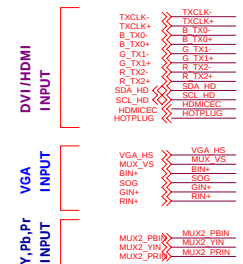
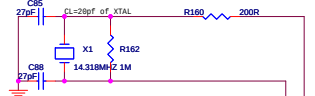
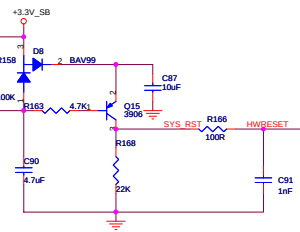
PH_Drive



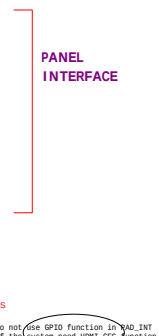
Mstar Audio Amp + 8欧姆Speaker



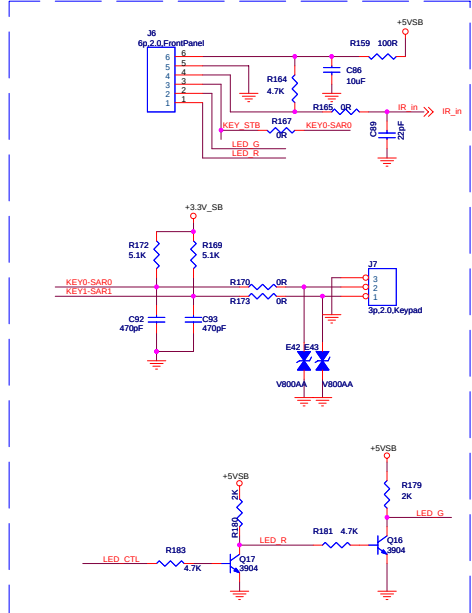
TITLE: AUDIO AMP		Date: DEC. 12, 2009	
MODEL: MSTV2203-N1	SHEET: 7 OF 9	VER: 1.0	
DESIGN: George Guo	CHECKED:	APPRD:	



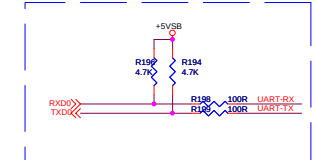
U12
Tsumv26KU



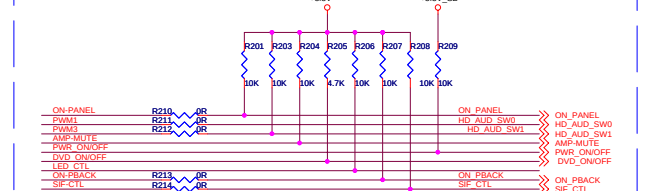
KEY PAD



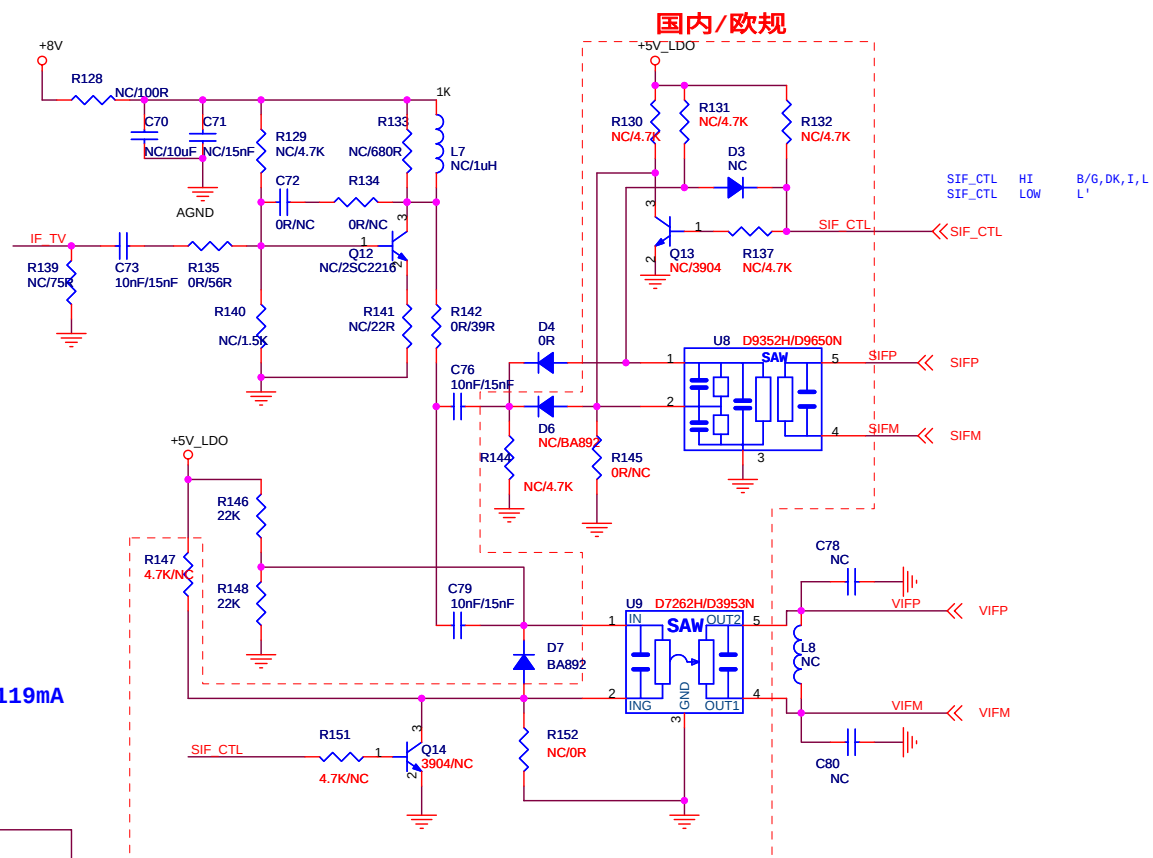
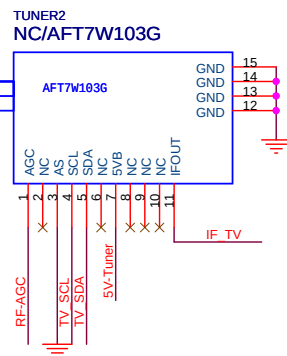
DEBUG PORT



GPIO Control Pins

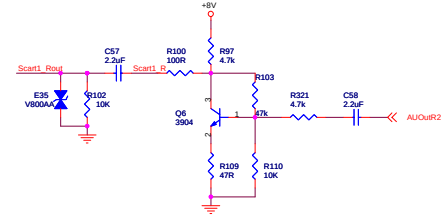
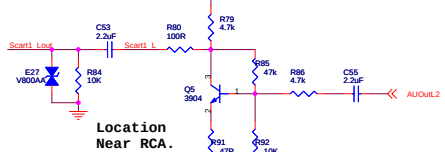
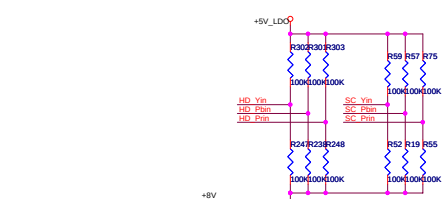
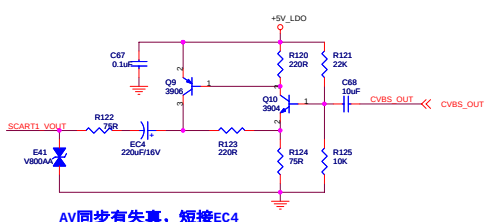
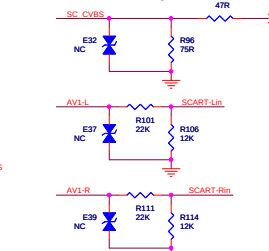
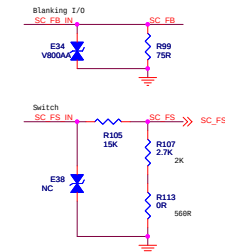
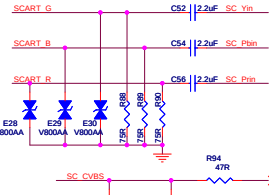


TITLE: Tsumv26KU		Date: DEC. 12, 2009	
MODEL: NSTV2203-N1	SHEET: 6 OF 9	VER: 1.0	
DESIGN: George Guo	CHECKED:	APPRO:	

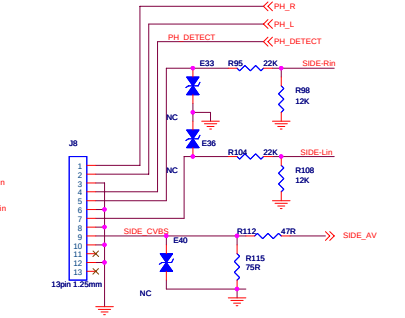
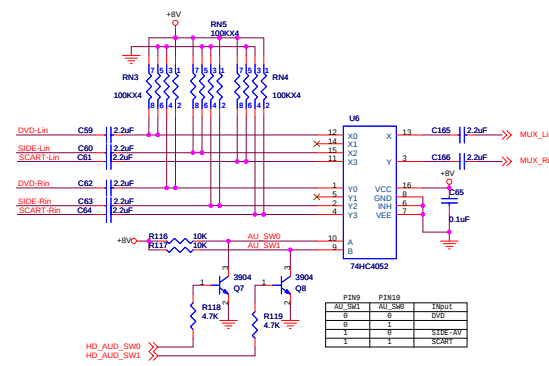
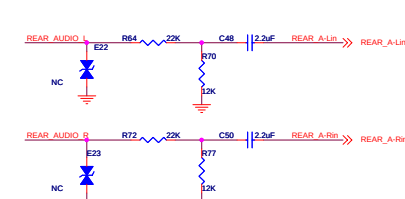
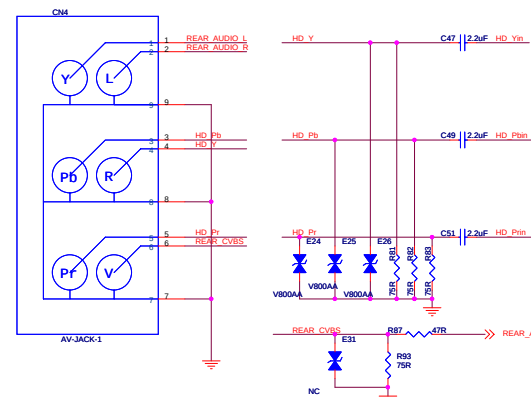
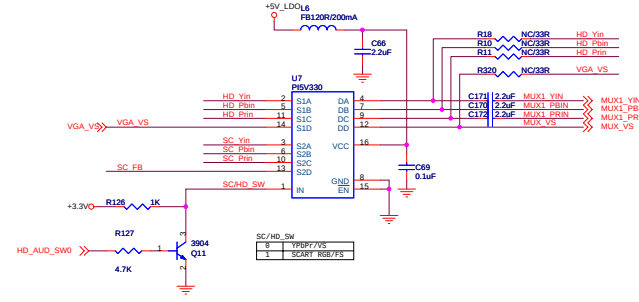


TITLE: TUNER		Date: DEC. 12, 2009
MODEL: MSTV2203-N1	SHEET: 5 OF 9	VER:1.0
DESIGN:George Guo	CHECKED:	APPRD:

SCART Input

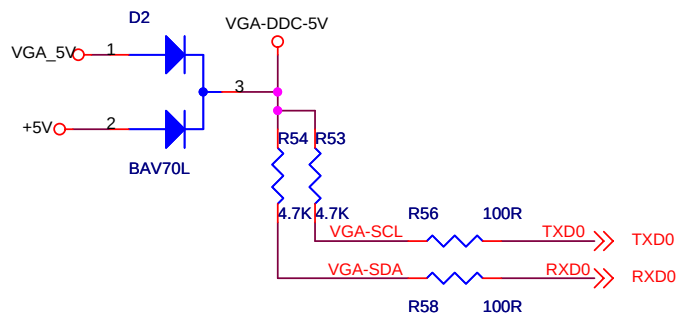
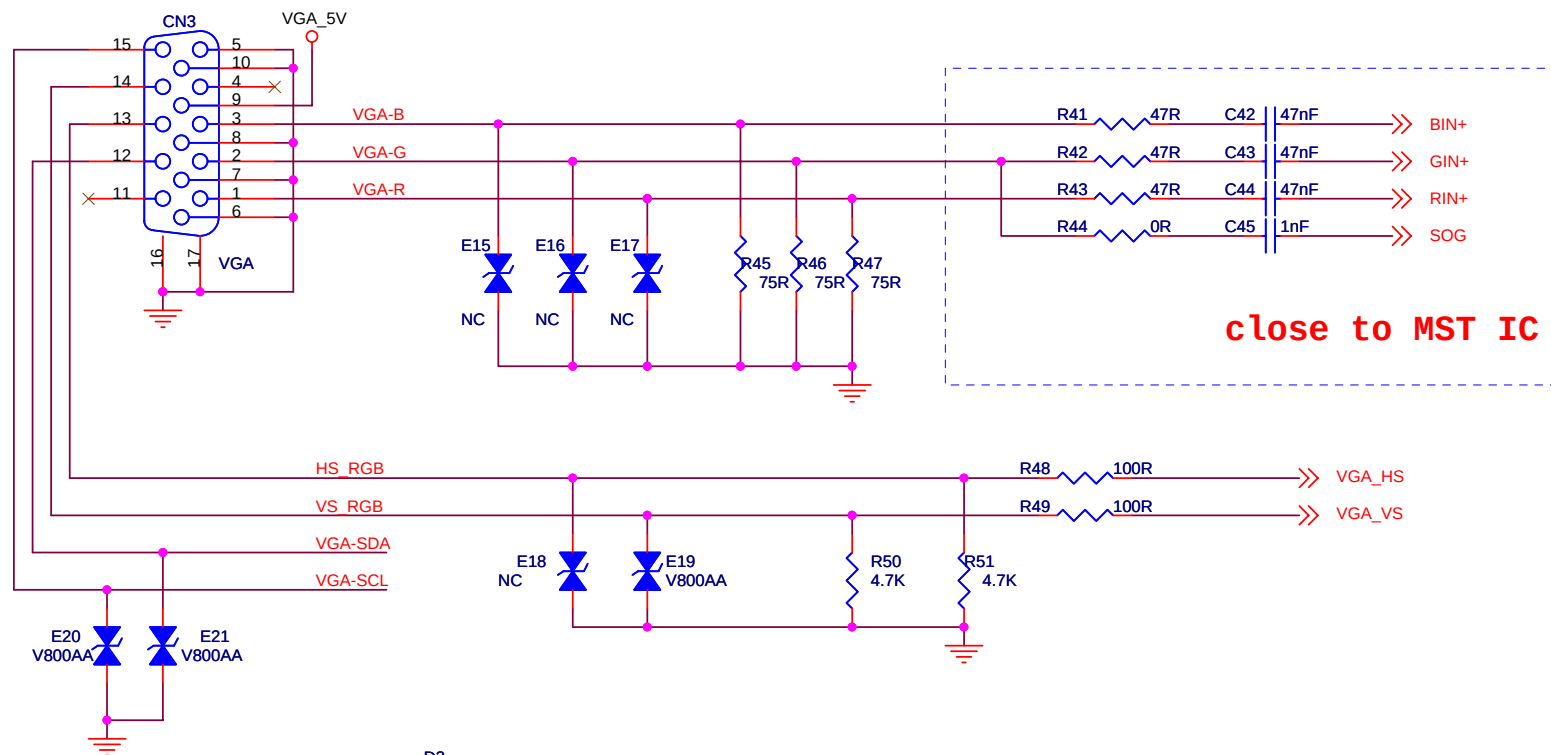
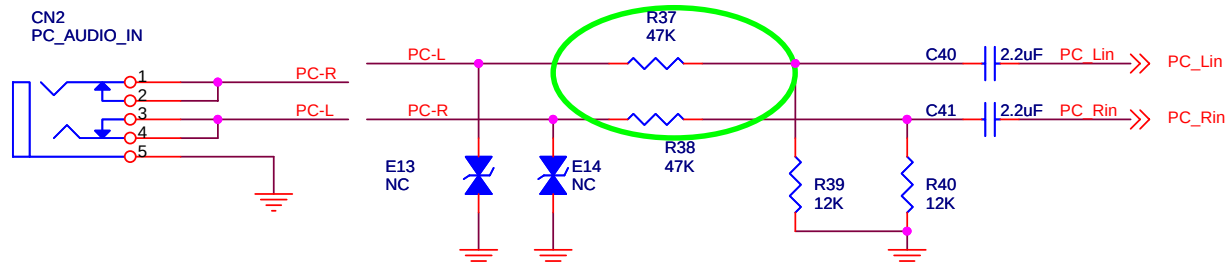


bbPr/SCART Input 2:1 Switch



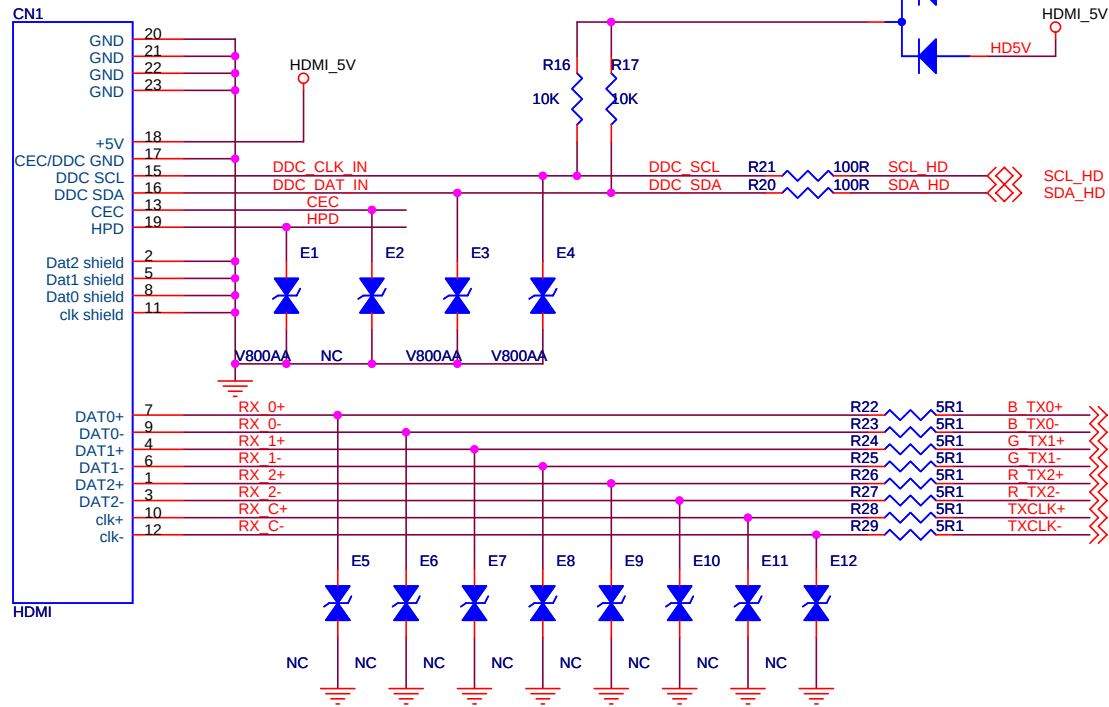
AU_SW1	AU_SW0	Input
0	0	DVD
0	1	
1	0	SIDE-AV
1	1	SCART

TITLE: VIDEO IN&OUT		Date: DEC. 12, 2005
MODEL: MSTV2203-N1	SHEET: 4 OF 9	VER: 1.0
DESIGN: George Guo	CHECKED:	APPRO:
1		



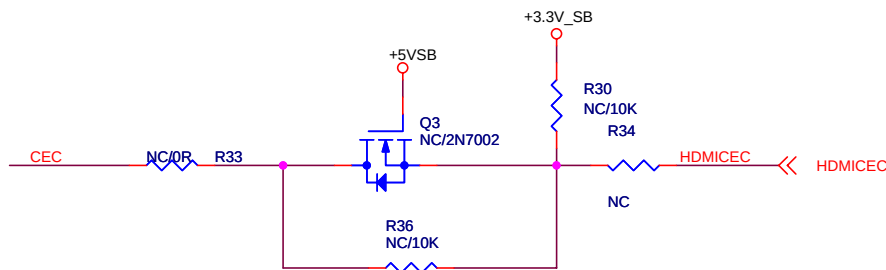
TITLE: VGA IN		Date: DEC. 12, 2009
MODEL: MSTV2203-N1	SHEET: 3 OF 9	VER: 1.0
DESIGN: George Guo	CHECKED:	APPRD:

HDMI

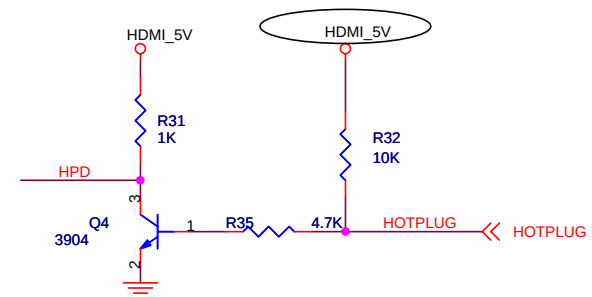


24C02=>EDID code must be upto 256byte space, for HDMI interface.

CEC



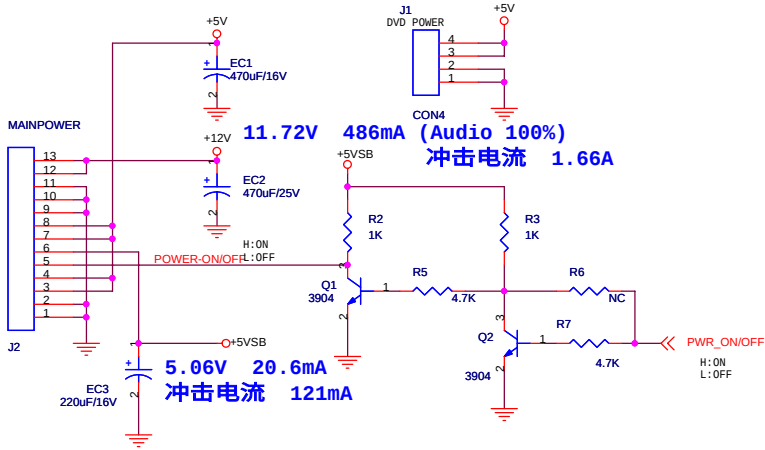
HOTPLUG



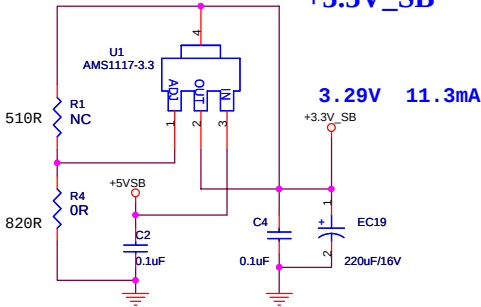
TITLE: HDMI IN		Date: DEC. 12, 2009
MODEL: MSTV2203-N1	SHEET: 2 OF 9	VER:1.0
DESIGN:George Guo	CHECKED:	APPRD:

POWER INPUT

5.02V 911mA/1.04A (TV/1080P)
冲击电流 1.47A

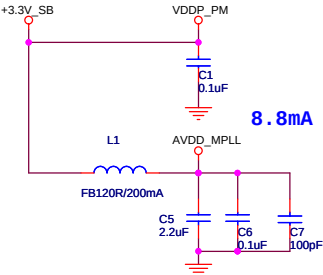


+3.3V_SB

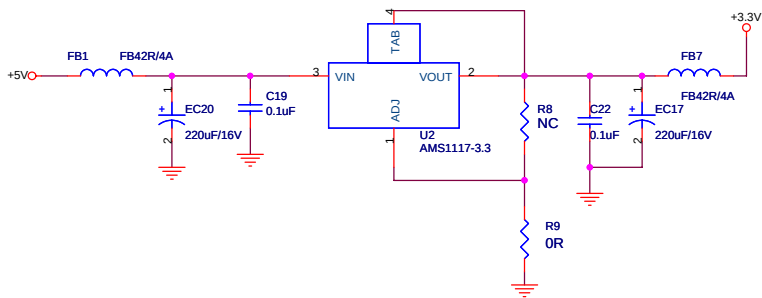


For PM Mode==>
VDDP_PM & AVDD_MPLL must be alive

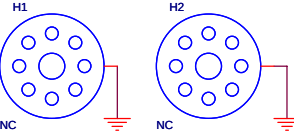
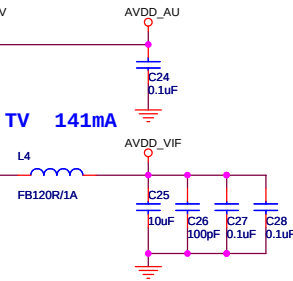
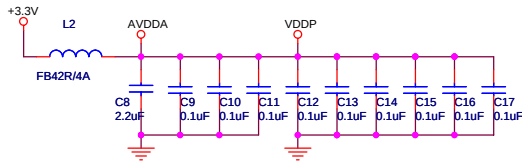
2.1mA



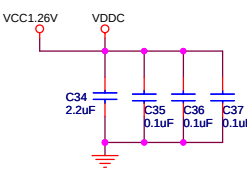
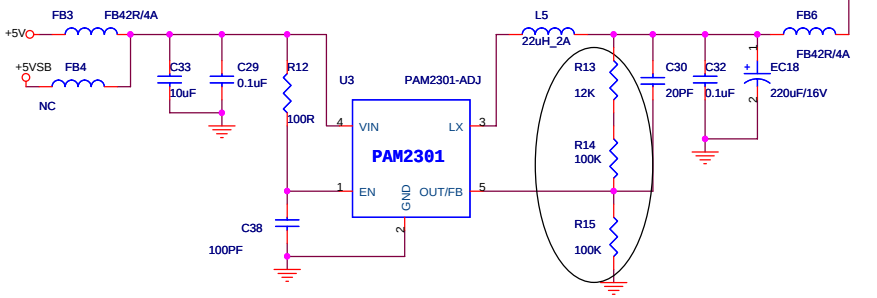
3.30V
YPbPr 1080P 442mA



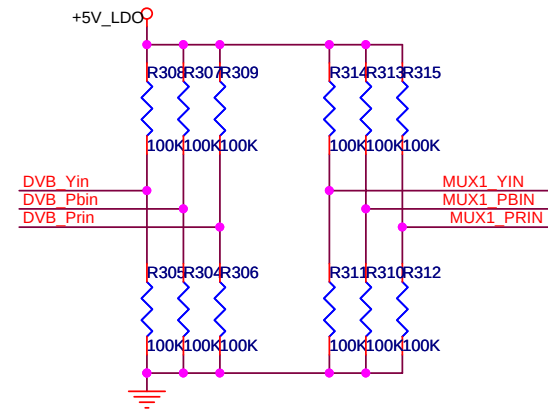
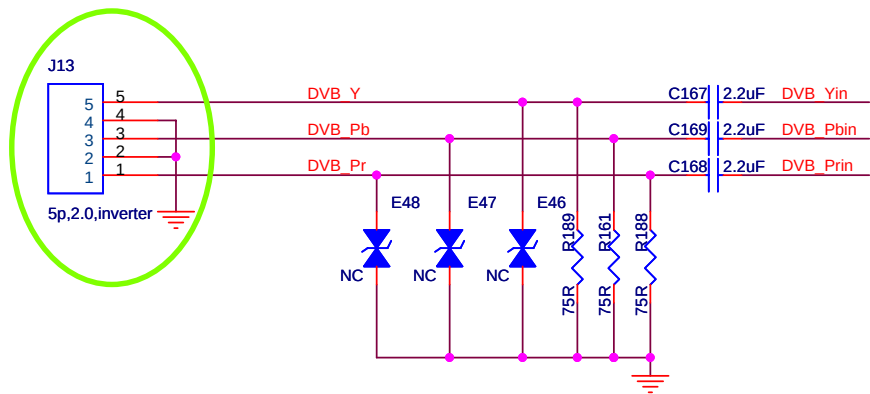
YPbPr 1080P 416mA



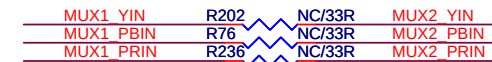
1.28V
TV 336mA



TITLE: POWER		Date: DEC. 12, 2009
MODEL: MSTV2203-N1	SHEET: 1 OF 9	VER:1.0
DESIGN: George Guo	CHECKED:	APPRD:



DVB_S/MUX1 Input 2:1 Switch



HD_AUD_SW1	HD_AUD_SW0	VIDEO	AUDIO
0	0	SC_RGB/FS	SCART
0	1	HD_YPBPR/VS	SIDE_AV
1	0		
1	1	DVB_S	DVD

TITLE: DVB_S Interface		Date: DEC. 12, 2009
MODEL: MSTV2203-N1	SHEET: 9 OF 9	VER: 1.0
DESIGN: George Guo	CHECKED:	APPRD:

