

changed note

VER:2015.01.22

深圳市鼎科实业有限公司

Title		
<01:VER>		
Size B	Document Number	Rev
	P75-3463GSX V6.0	kRevCde>
Date:	Thursday, January 22, 2015	Sheet 1 of 11

Please sw set the GPIO to control system for operation

GPIO Table Please note GPIO state that affects consumtion

GPIO #	Signal	I/O	Function	Note(description)
Pin 164	PWM0	I	CHIP_CONFIG[1:0] {PAD_PWM1, PAD_PWM0} 2'b01 Boot from SPI_NOR Flash 2'b10 Boot from ROM	BK adjust
Pin 165	PWM1	I		
Pin 175	SPDIF	O		
Pin 168	DVD POWER	O	DVD POWER CONTROL	1:Turn On 0:Turn Off
Pin 171	DVD IR	O	DVD IR REMOTE	simulate code to control DVD
Pin 176	ISP-TXD	I	communications	uart
Pin 177	ISP-RXD	O	communications	uart
Pin 161	LED	O	CONTOL LED STATE	0:greed 1:red
Pin 65	PWR_ON/OFF	O	System PWR ON	0:Turn Off(STB) 1:Turn On
Pin 159	AMP_MUTE	O	CONTROL AMP MUTE	1:HIGT MUTE 0:Low PLAY
Pin 32	PANEL_ON/OFF	O	CONTROL LCD POWER	0:Turn Off(STB) 1:Turn On
Pin 70	LED VBL CTRL	O	LCD backlight on/off control	0:Turn ON 1:Turn OFF
Pin 182	SCART FS	I	0-2V TV MODE,5-8V ->16:9,9.5-12V->4:3	
Pin 27	SCART FB	I	0.7V ->AV,1-3V->RGB	
Pin 71	DISEQC	O	S2 FOR LNB	
Pin 72	LNB POWER EN	O	LNB POWER CTR	0:Disable 1:Enable
Pin 165	13V/18V SEL	O	LNB POWER SEL	0:->13V 1:->18V
Pin 168	SEL_DVD/YPBPR	O	Control 5V330	0:Low YPBPR 1:HIGT DVD
Pin 69	UART-TXD	I	communications	uart
Pin 160	UART-RXD	O	communications	uart

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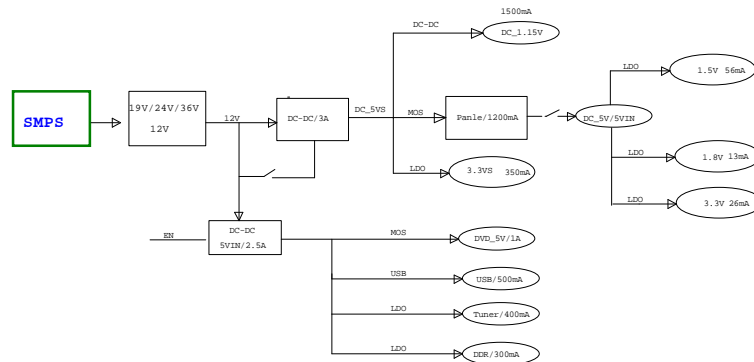
Revision History

Revision	Description	Author	Data
A	Initial Release	THE GROUP	

Notes:(unless otherwise stated)

- 1.所有利用的电阻必须满足功率要求。
- 2.耦合电容必须要使用X7R/X5R材质，不得用Y5V。靠近在IC附近的退耦电容使用X7R/X5R材质。滤波网络上也可以使用X7R或NPO。远离发热器件可以使用Y5V

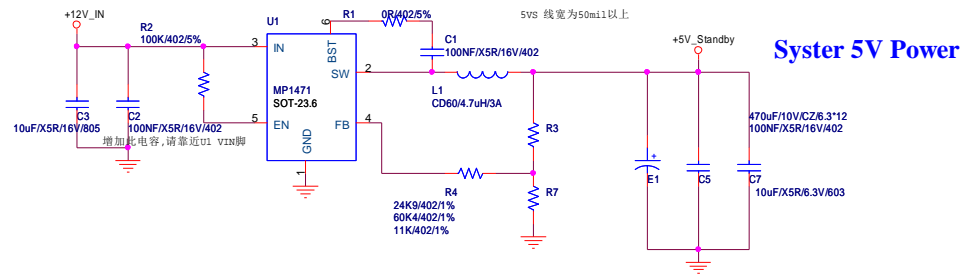
Top-tech Internal Seurity Control Documents



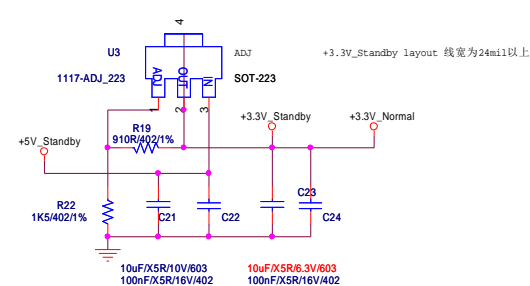
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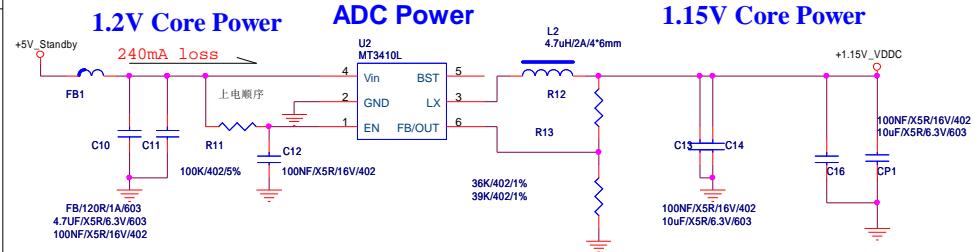
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Syster 5V Power



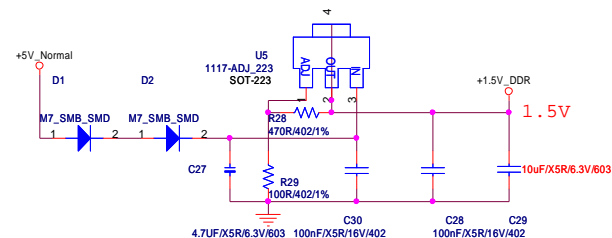
3.3V Standby Power



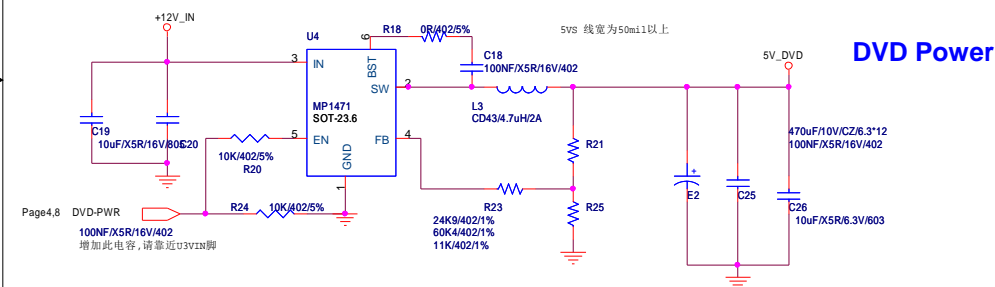
1.2V Core Power

ADC Power

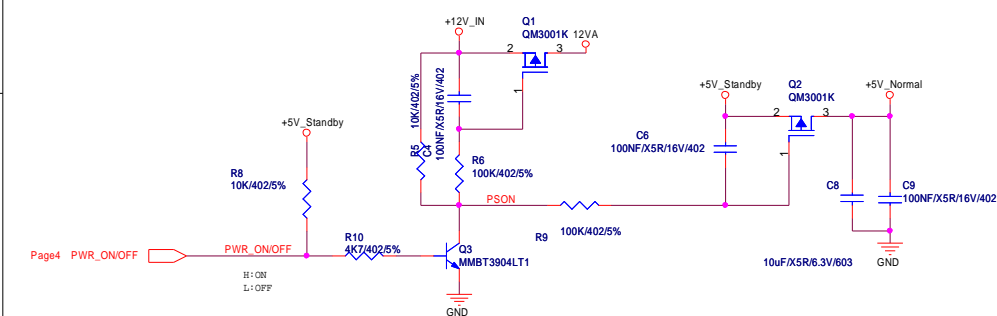
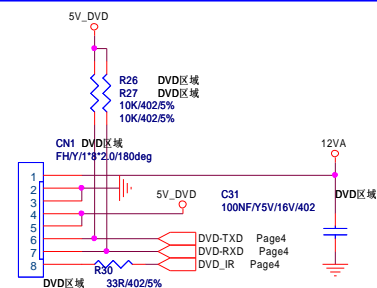
1.15V Core Power



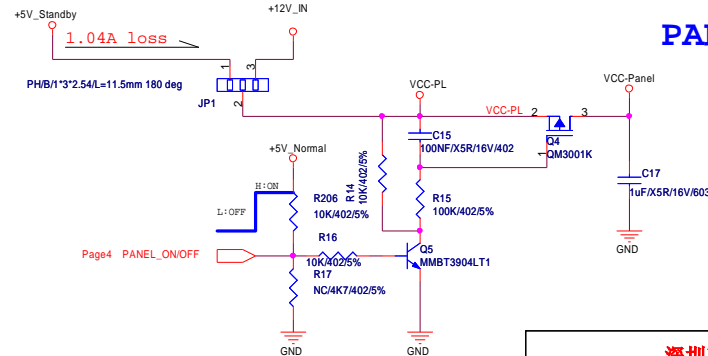
1.5V DDR Power



DVD Power

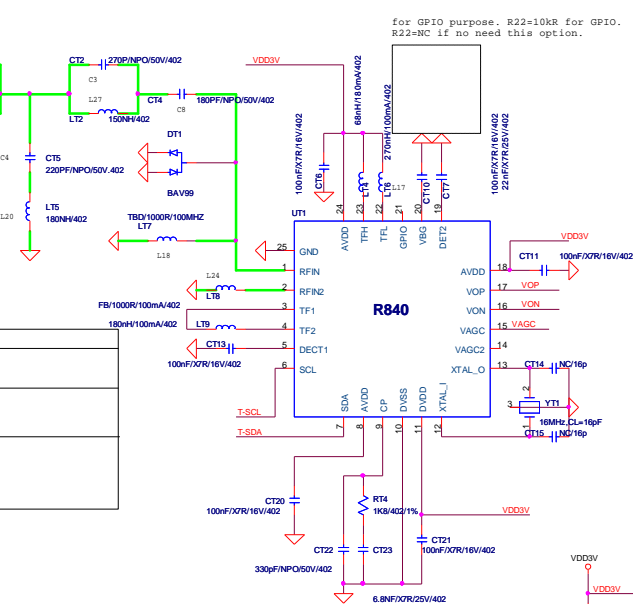


PANEL POWER

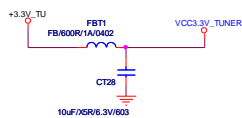


PANEL POWER

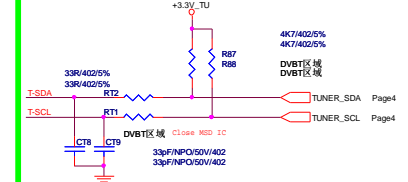
Silicon Tuner:R840



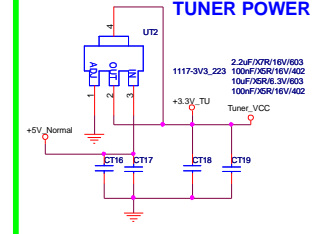
Application
DTMB_bypass L17=L18=G21005D102CTF, C3=C4=C10=L20=L25=NC, C8=L26=L27=OR
Other_standard_bypass L17=270nH, L18=G21005D102CTF, C3=C4=C10=L20=L25=NC, C8=L26=L27=OR
Hybrid (with S1 filter for EN55020) L17=L18=L20=L25=270nH, C8=82pF, C3=C10=270pF, C4=100pF, L26=L27=150nH



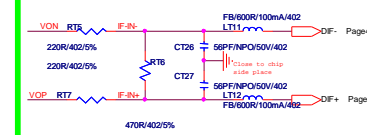
I2C Interface Filter



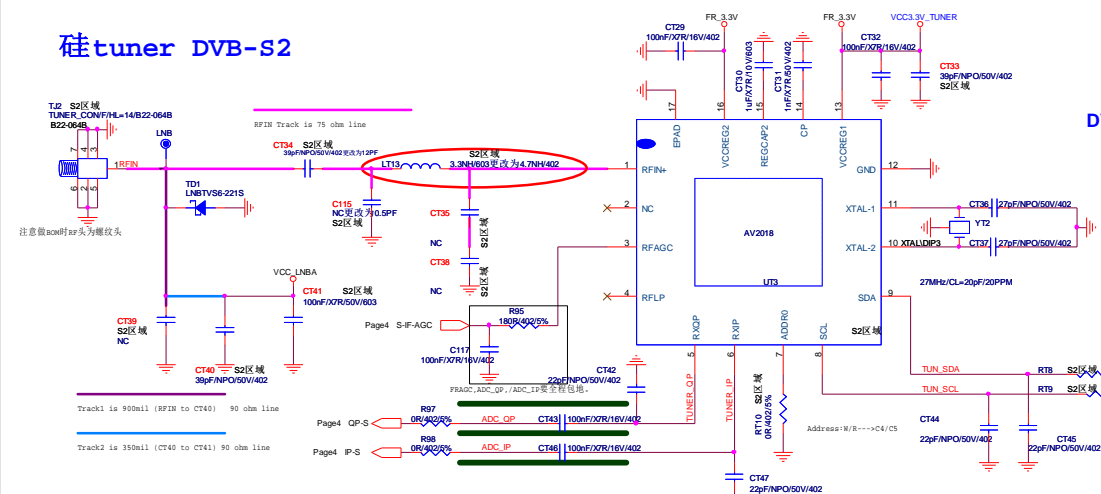
TUNER POWER



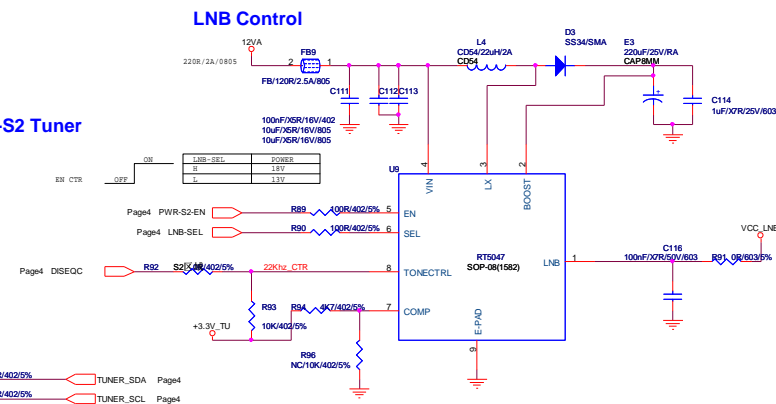
IF Interface Filter



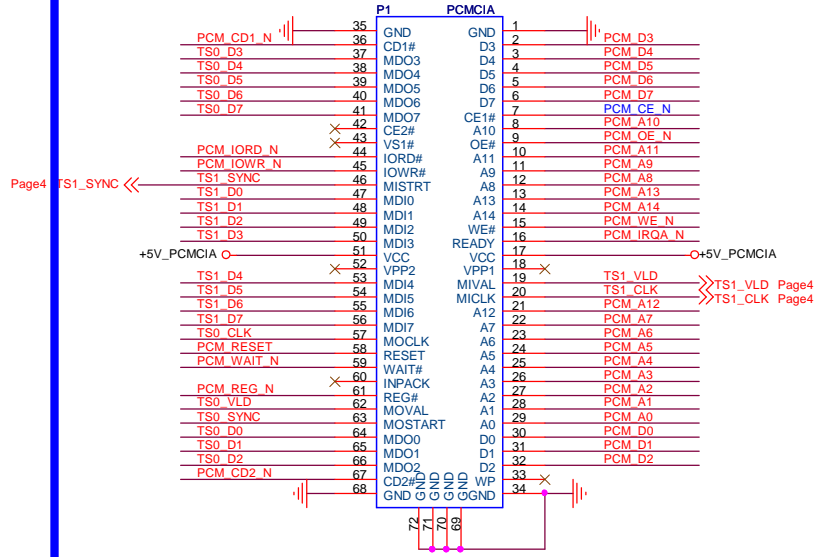
硅tuner DVB-S2



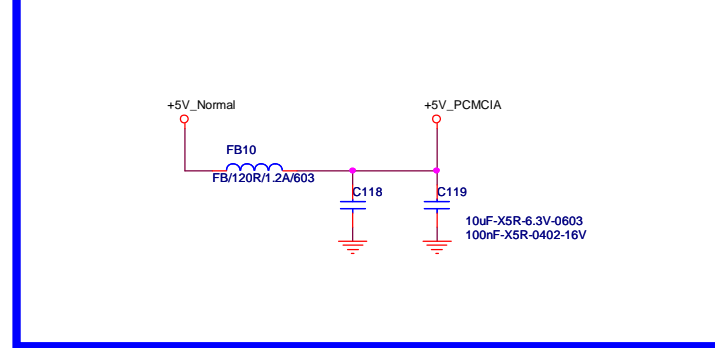
DVB-S2 Tuner



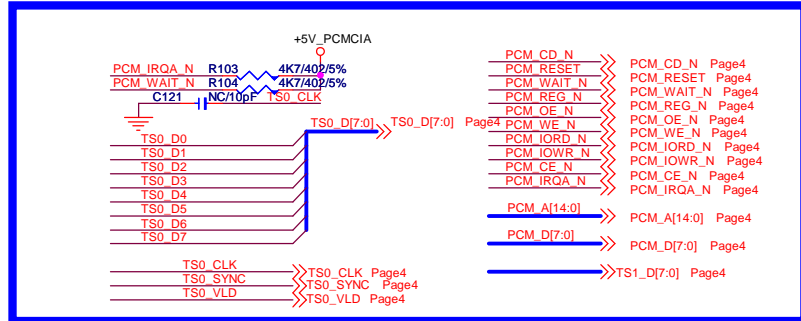
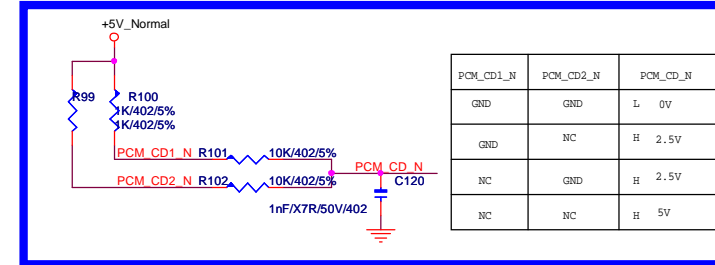
PCMCIA



PCMCIA POWER



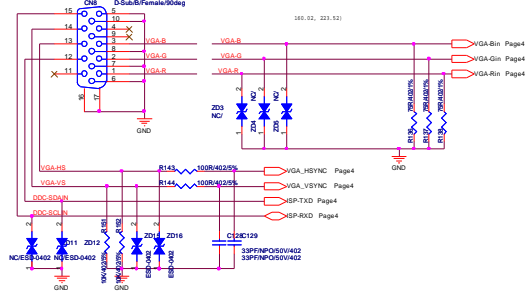
CARD DETECT



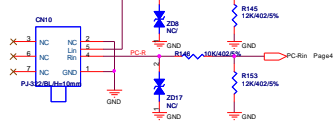
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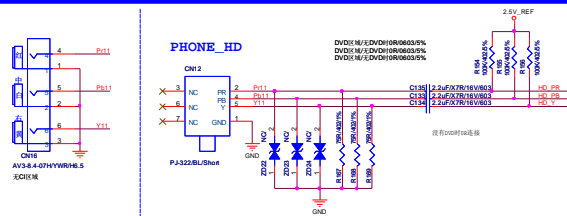
VGA INPUT



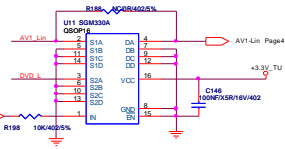
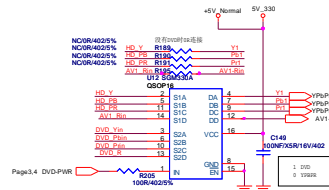
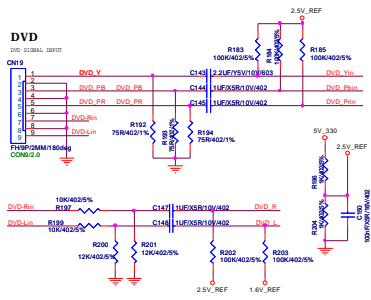
PC-audio in



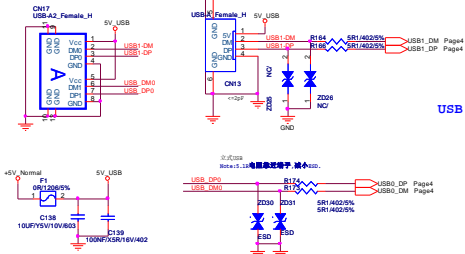
PHONE_HD



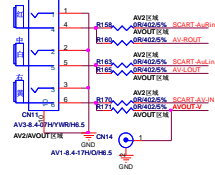
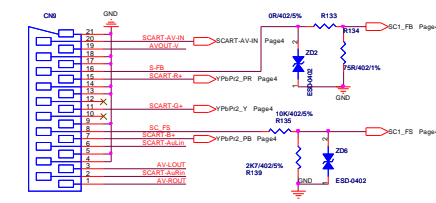
DVD



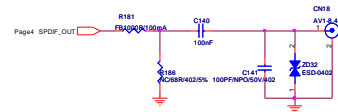
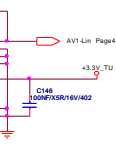
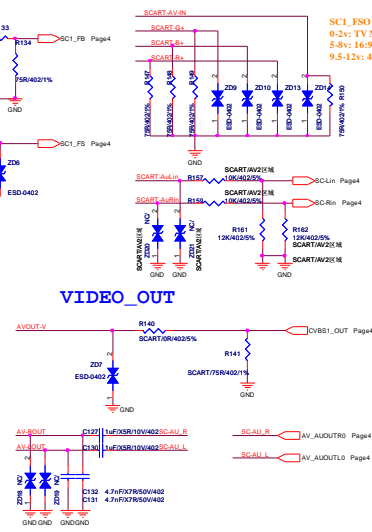
USB Input



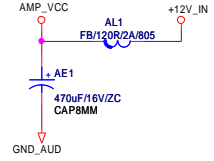
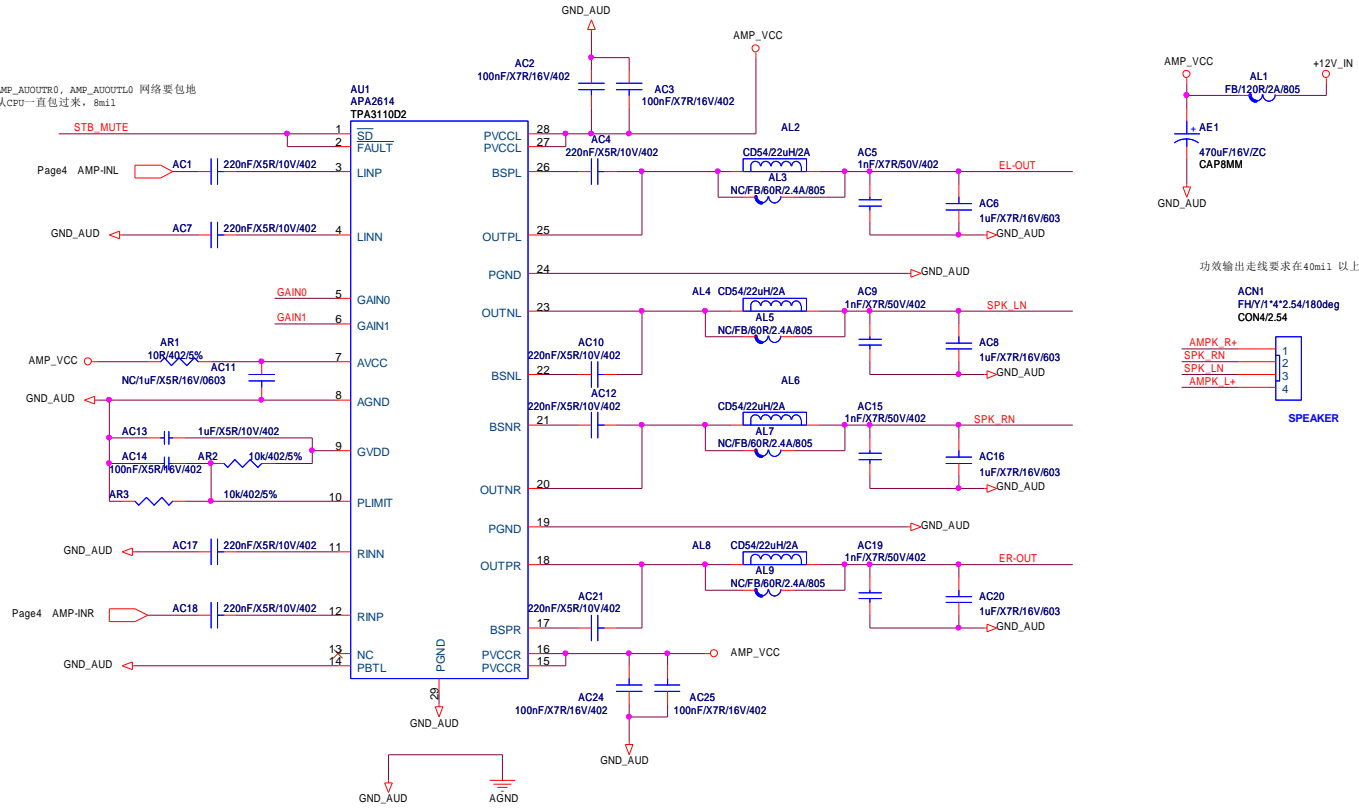
SCART/CS104



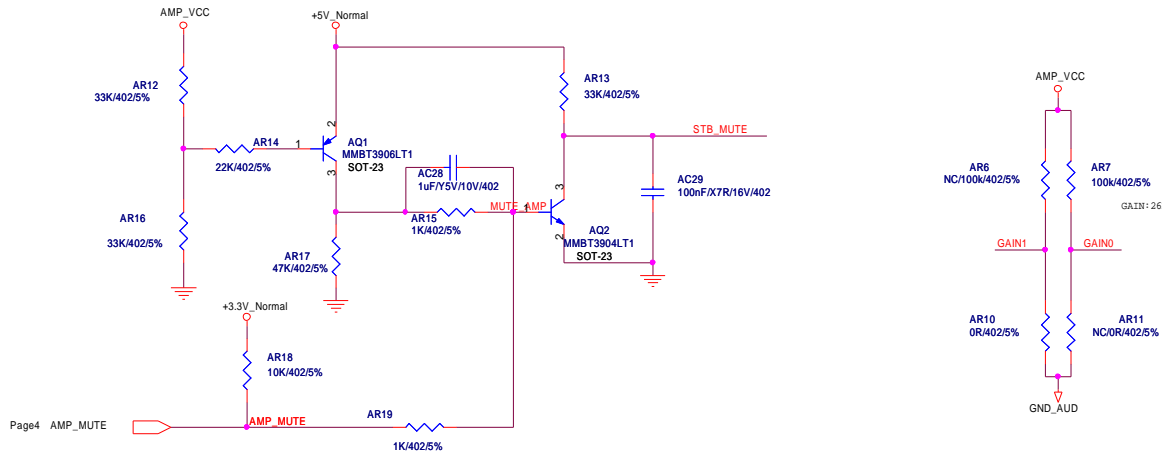
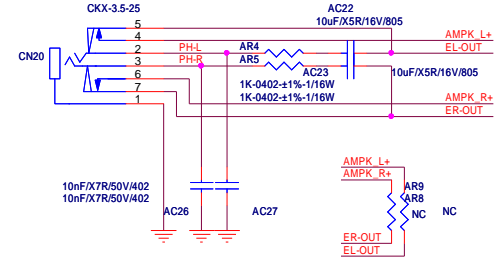
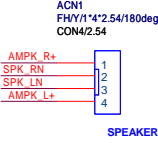
VIDEO_OUT



AMP_AOUTR0, AMP_AOUTL0 网络要包地
从CPU一直包过来, 8mil



功放输出走线要求在40mil 以上



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<09: AUDIO>			
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