

2006.07.26:Forrin modify

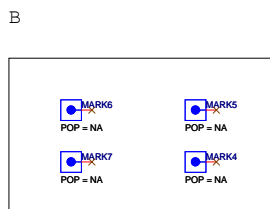
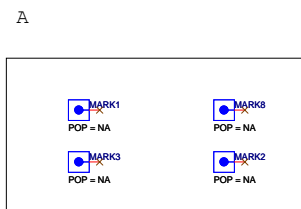
**Minicard ME Component,  
Not bring to Layout**



SCREW1  
Null  
MINI-CARD-Latch



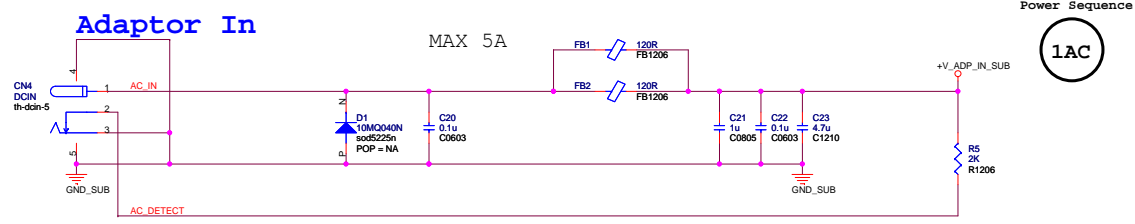
SCREW2  
Null  
MINI-CARD-Latch




<Variant Name>

		<b>Amol IT Division.</b> 285 Lane, Zuchongzhi Road, Zhongjiang, Shanghai, China, 201203 <a href="http://www.amol.com.cn">www.amol.com.cn</a>	
		<b>Title</b> M535_SUB	
<b>Size</b> C	<b>Sheet</b> Name	<b>MiniCard1</b>	<b>Rev</b> B
<b>ENGINEER:</b> <EngName>		<b>Date:</b> Monday, June 18, 2007	



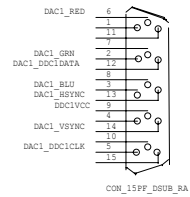
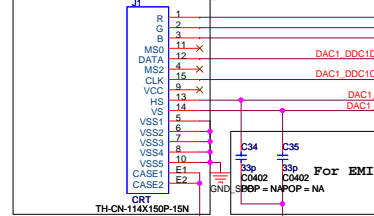


<Variant Name>

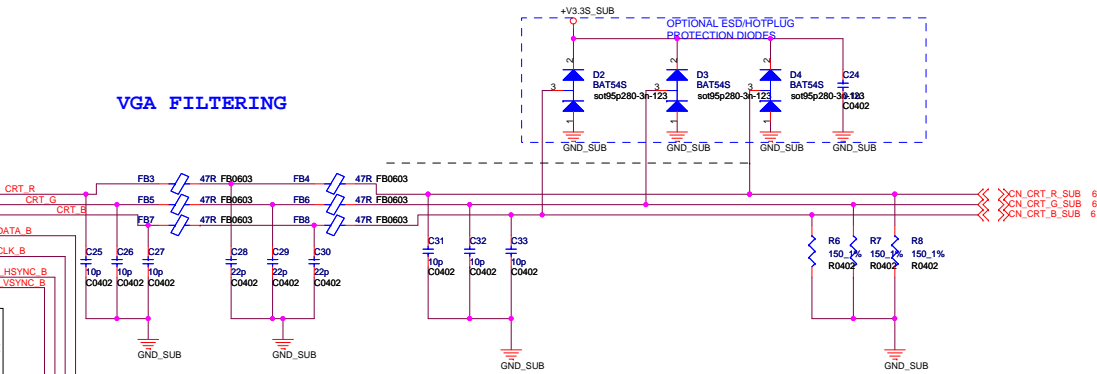
		<b>Amoi IT Division.</b> 285 Lane, Zuchongchi Road, Zhongliang, Shanghai, China, 201203 <a href="http://www.amoi.com.cn">www.amoi.com.cn</a>	
		<b>Title</b> M535_SUB	
ENGINEER:	<EngName>	Size C	Sheet Name Adaptor Rev B
Date: Monday, June 18, 2007		Sheet	3 of 7

## CRT CON

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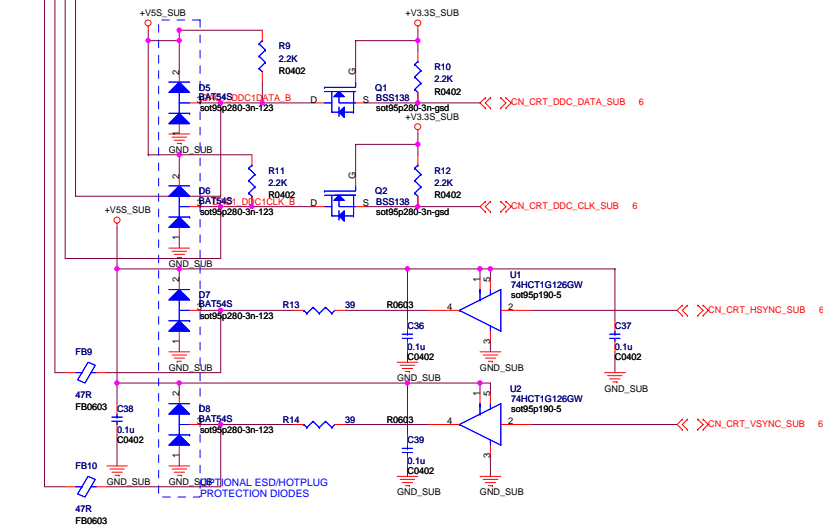


## VGA FILTERING



## BUFFER AND LEVEL SHIFT LOGIC

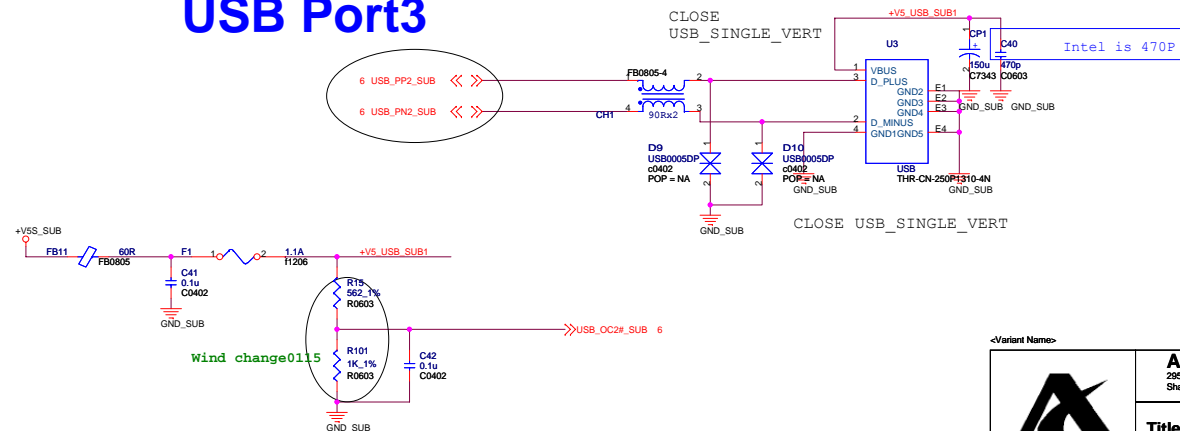
ASSUMING +5V CRT



Pin	Name	Dir	Description	Impedance/Level
1	RED		Red Video	75 $\Omega$ , 0.7 V p-p
2	GREEN		Green Video	75 $\Omega$ , 0.7 V p-p
3	BLUE		Blue Video	75 $\Omega$ , 0.7 V p-p
4	ID2		Monitor ID Bit 2	
5	GND		Ground	
6	RGND		Red Ground	
7	GGND		Green Ground	
8	BGND		Blue Ground	
9	KEY -		Key (No pin)	
10	SGND		Sync Ground	
11	ID0		Monitor ID Bit 0	
12	ID1 or SDA		Monitor ID Bit 1	
13	HSYNC or CSYNC		Horizontal Sync (or Composite Sync)	
14	VSYNC		Vertical Sync	
15	ID3 or SCL		Monitor ID Bit 3	

ID	Bit Description				
	3	2	1	0	
n/a	n/c	n/c	n/c	n/c	No monitor connected
n/a	n/c	n/c	n/c	GND	Mono monitor which does not support 1024x768
n/a	n/c	n/c	GND	n/c	Color monitor which does not support 1024x768
n/a	GND	GND	n/c	n/c	Color monitor which supports 1024x768

## USB Port3



<Variant Name>



**Amol IT Division.**  
285 Lane, Zuchongzhi Road, Zhongliang,  
Shanghai, China, 201203

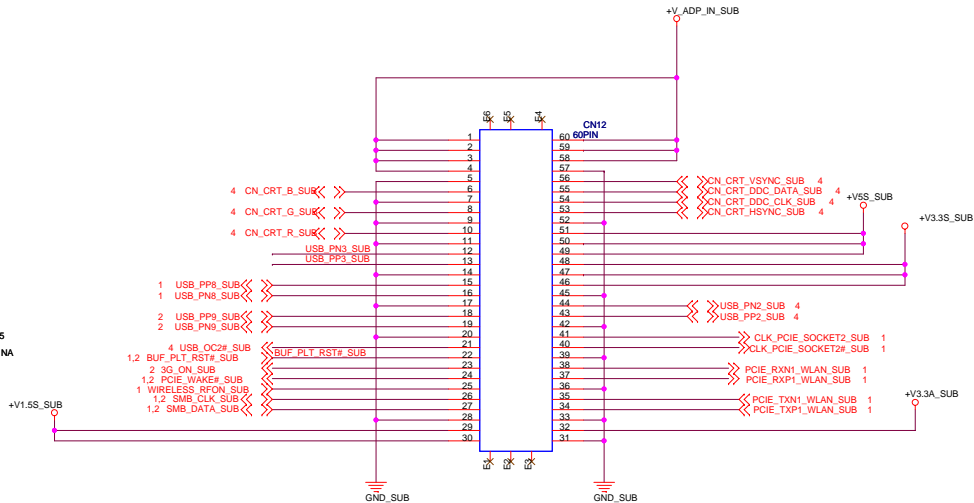
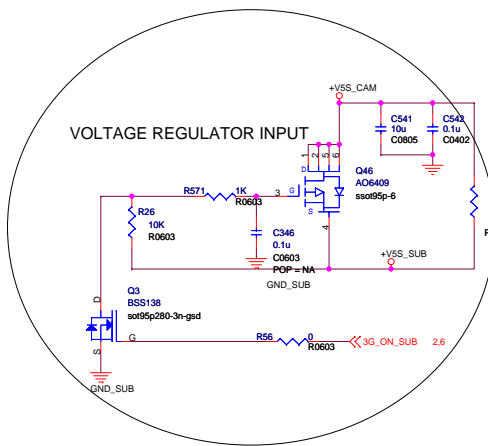
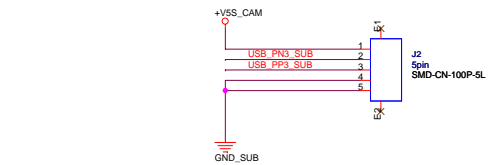
www.amol.com.cn

**Title M535**

Size	Sheet	CRT/USB PORT3	Rev
C	4	4	B

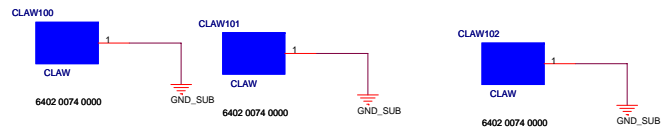
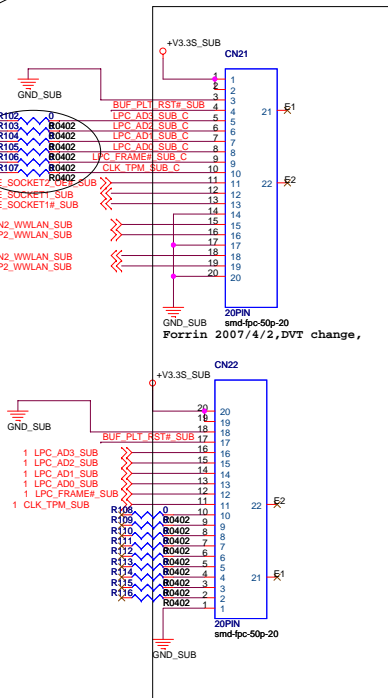
Date: Monday, June 18, 2007

Sheet 4 of 7



PLACE NEAR THE CONNECTOR  
FOR SI

- 1 LPC\_AD3\_SUB
- 1 LPC\_AD2\_SUB
- 1 LPC\_AD1\_SUB
- 1 LPC\_AD0\_SUB
- 1 LPC\_FRAME#\_SUB
- 1 CLK\_TPM\_SUB



<Variant Name>

	<b>Amoi IT Division.</b> 295 Lane, Zuchongzhi Road, Zhangjiang, Shanghai, China, 201203 www.amoi.cn		
	<b>Title</b> M535		
ENGINEER: <EngName>	Size C	Sheet Name Subboard CONN	Rev B
Date: Tuesday, June 26, 2007		Sheet 6	of 7