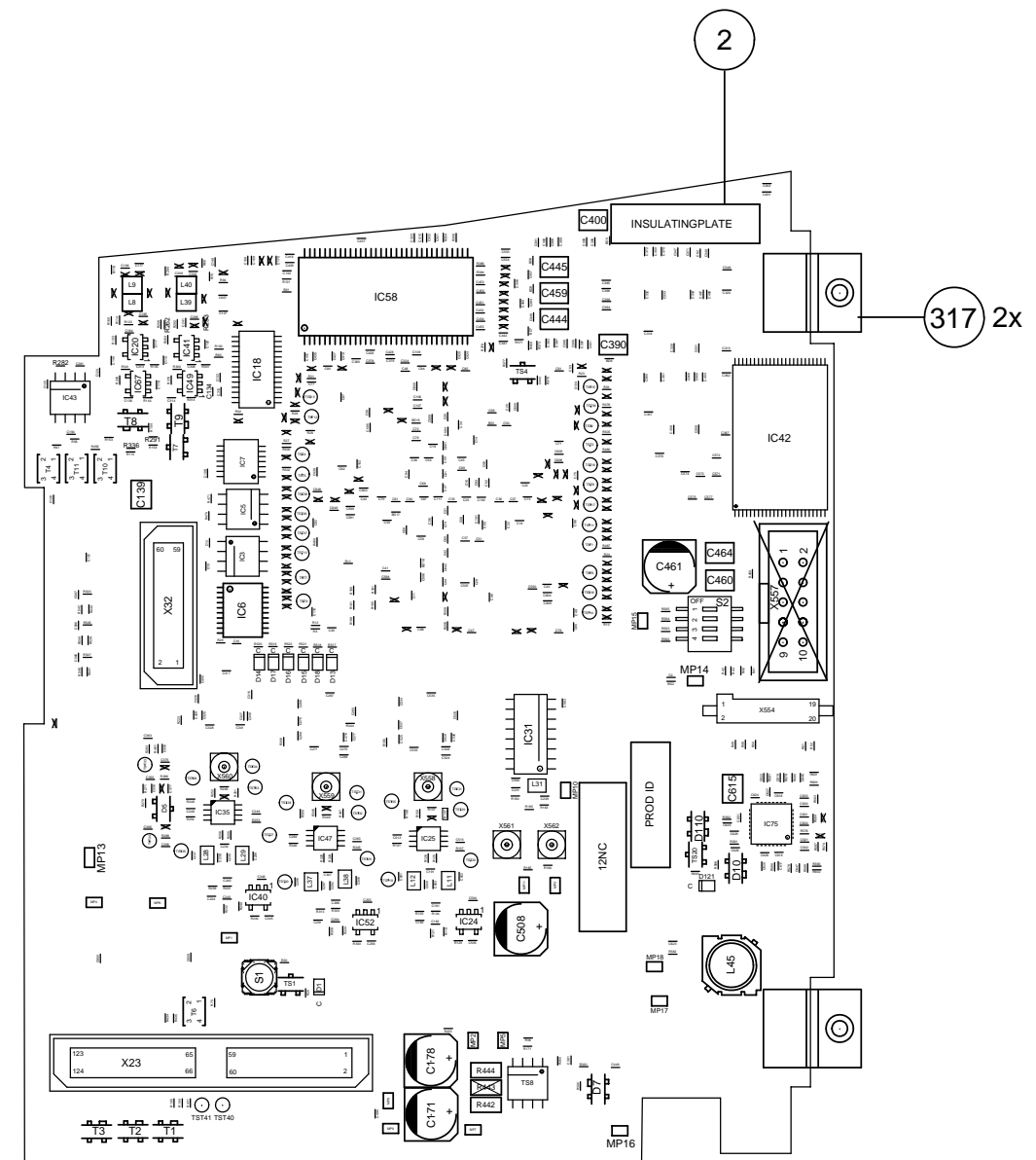


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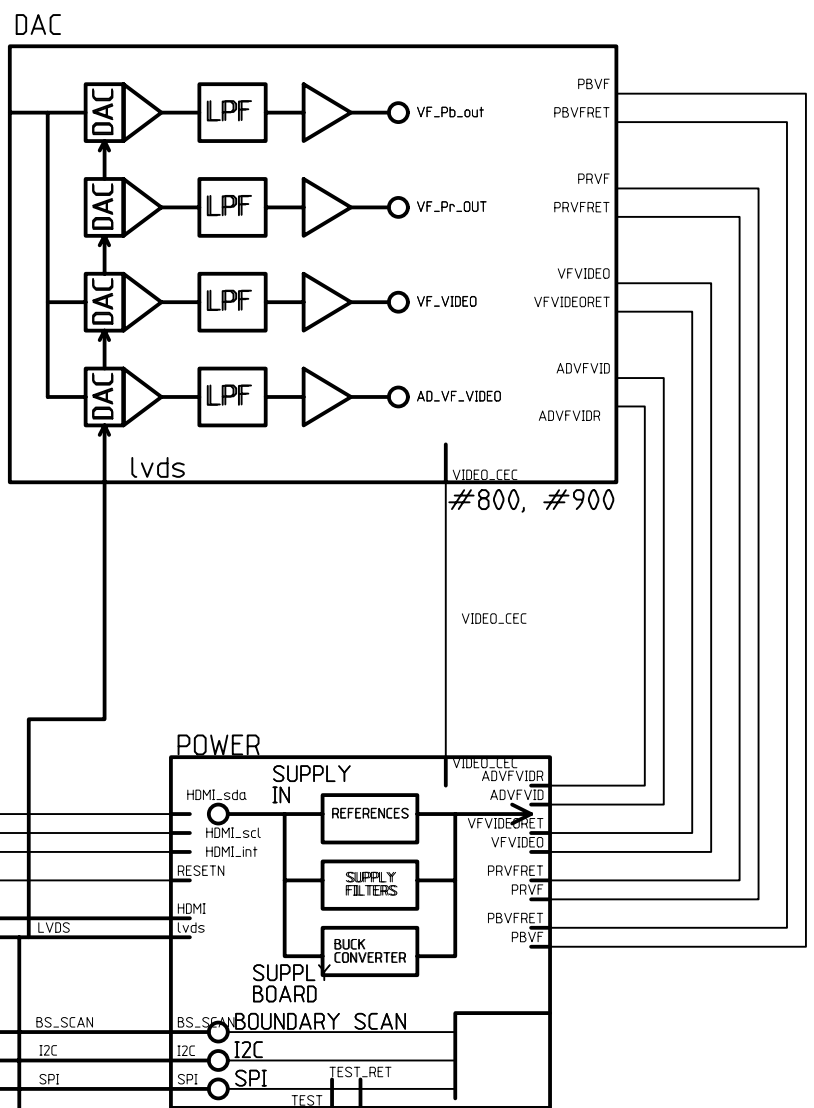
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STATUS: 07	
ASS. 12NC: 3922 406 53030	
ASS. NAME: DVP BOARD HDTV	
PCB. 12NC: 3922 411 53031	
ASSEMBLY TOP	CURR. DATE: 08-01-14
SCALE 1 : 1	PREV. DATE: 08-01-03
DIEGO CELMA	ORG. DATE: 06-05-09
H VERMEULEN	SHEET : 110-1
GRASS VALLEY NEDERLAND B.V. - BREDA	



ASSEMBLY LAYER BOTTOM

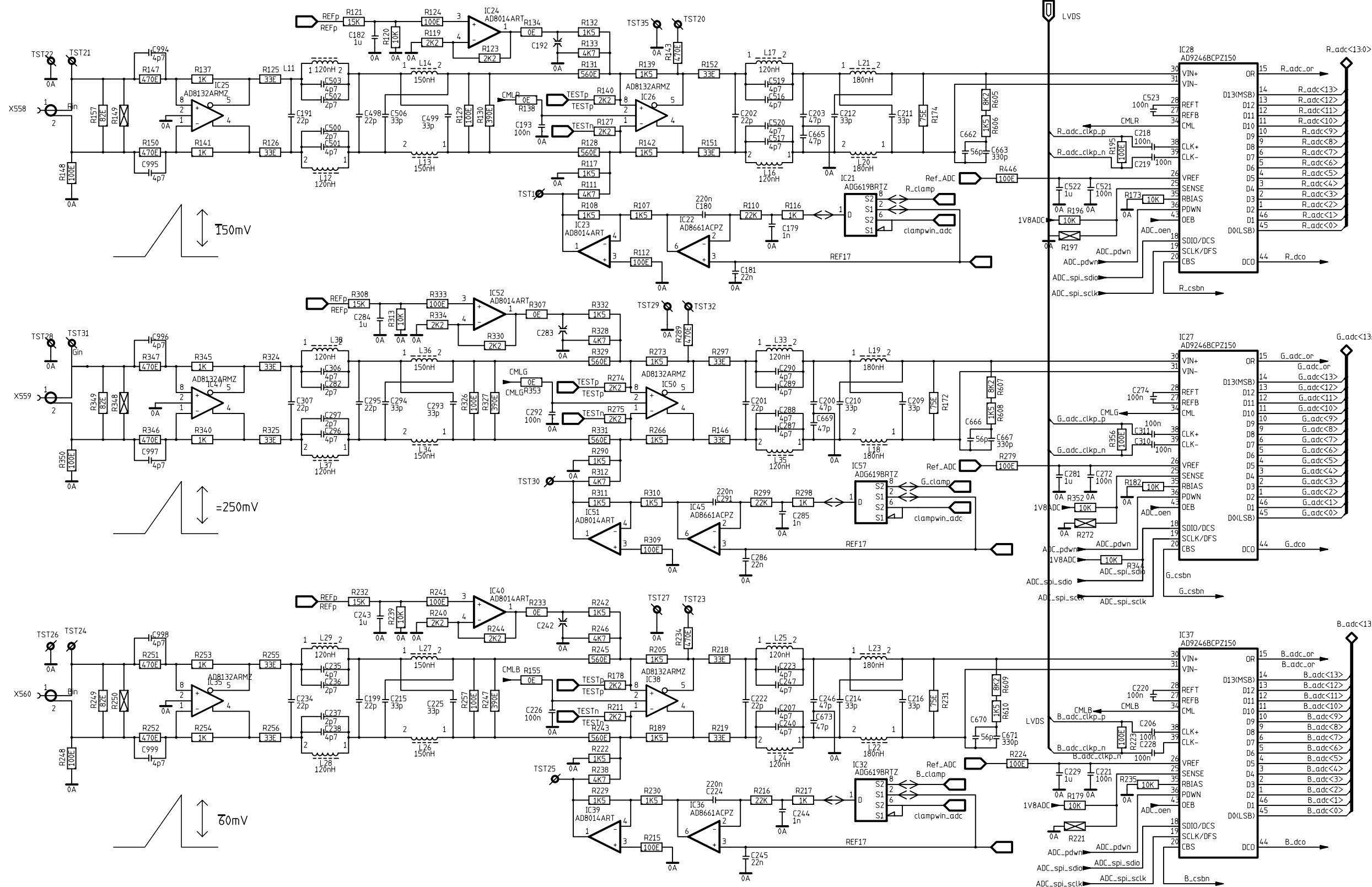
COMPONENTS MARKED WITH A CROSS ARE NOT MOUNTED		
STATUS: 07		
ASS. 12NC: 3922 406 53030		
ASS. NAME: DVP BOARD HDTV		
PCB. 12NC: 3922 411 53031		
ASSEMBLY BOTTOM	CURR. DATE: 08-01-14	
SCALE 1 : 1	PREV. DATE: 08-01-03	
DIEGO CELMA	ORG. DATE: 06-05-09	
H VERMEULEN	SHEET :	110-2
GRASS VALLEY NEDERLAND B.V. - BREDA		

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#000, #100

GRASS VALLEY NEDERLAND B.V. - BRED



ADC

SPEC5303\_BANK3\_ADC\_1V8

SPEC5303\_IC600

COMPONENTS MARKED WITH A CROSS ARE NOT MOUNTED

ASS. NO. : 3922 406 53030

ASS. NO. :  
ASS. NAME : DVP BOARD HDTV

ASS. NAME :	
STATUS :	07

PLB NO. : 3922 411 53051
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SHEET NAME: ABC

SHEET NAME : ADC

D.CELMA	CURR. DATE : 2008-01-14
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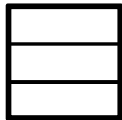
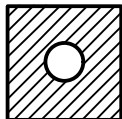
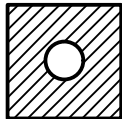
CIRCUIT DIAGRAM	CURR. DATE : 2008-01-03
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28	SHEET 130 -2	ORG. DATE : 2006-05-09
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20	SHEET 150 -2	ORD. DATE :
FRAGG VALLEY NEDERLAND B.V.		ORDER

GRASS VALLEY NEDERLAND B.V. - BREDA

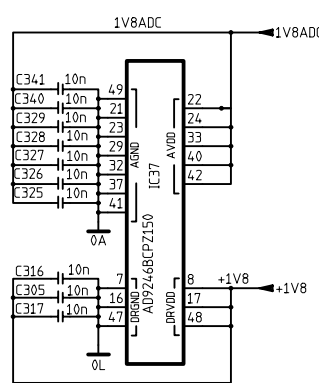
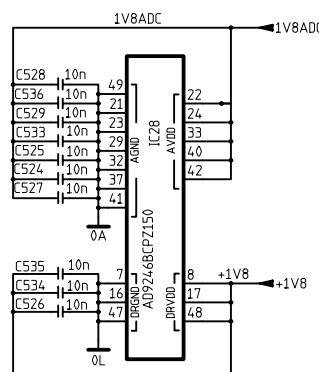
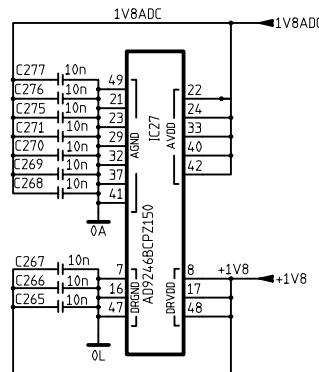
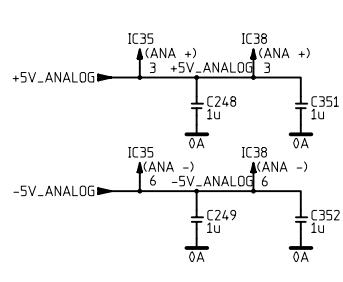
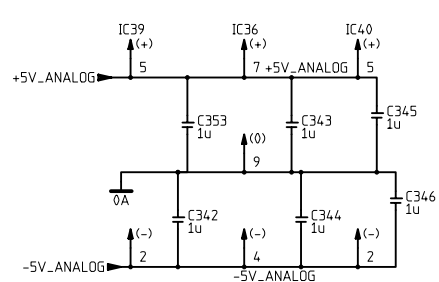
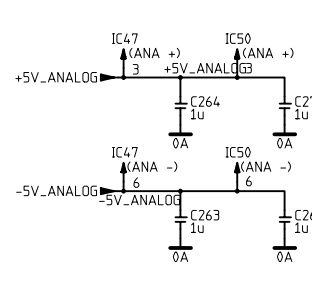
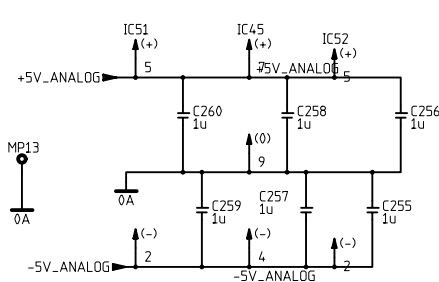
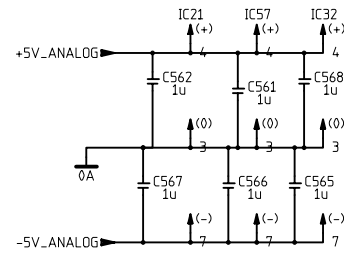
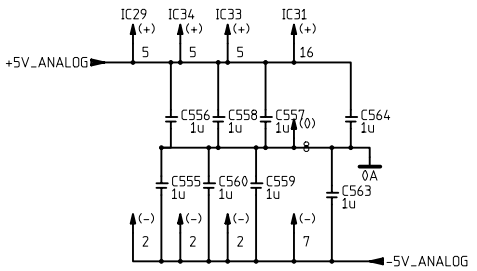
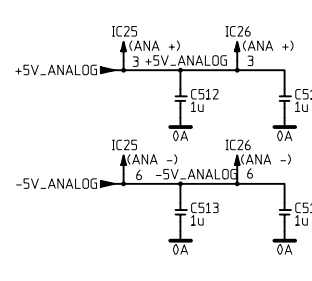
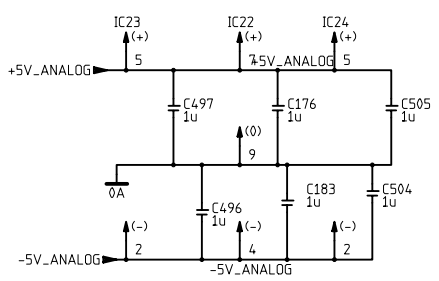
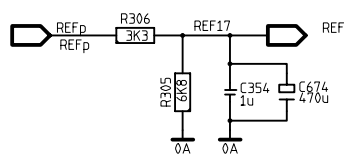
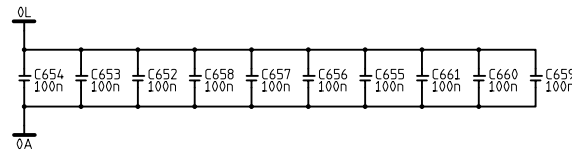
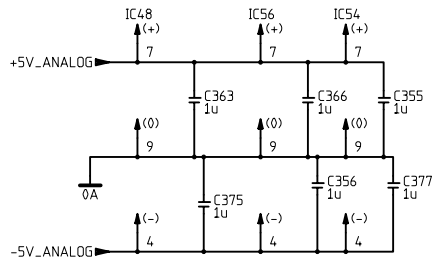
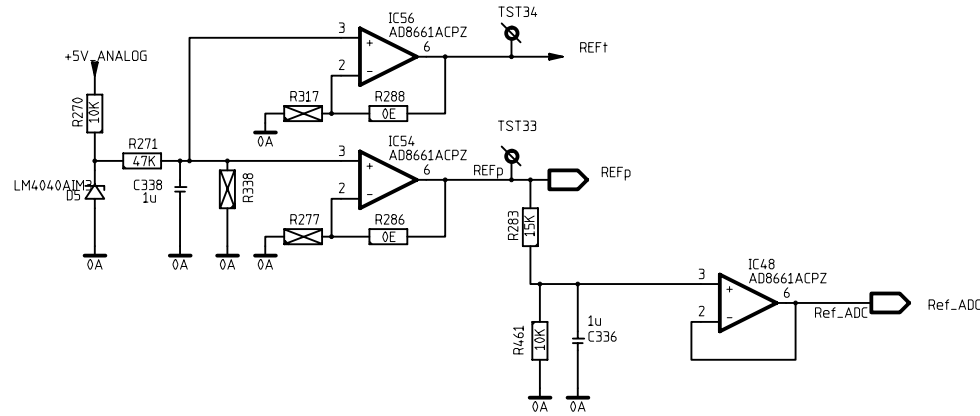
GRASS VALLEY



Grass Valley reserves the right to change the design of the circuit without notice.

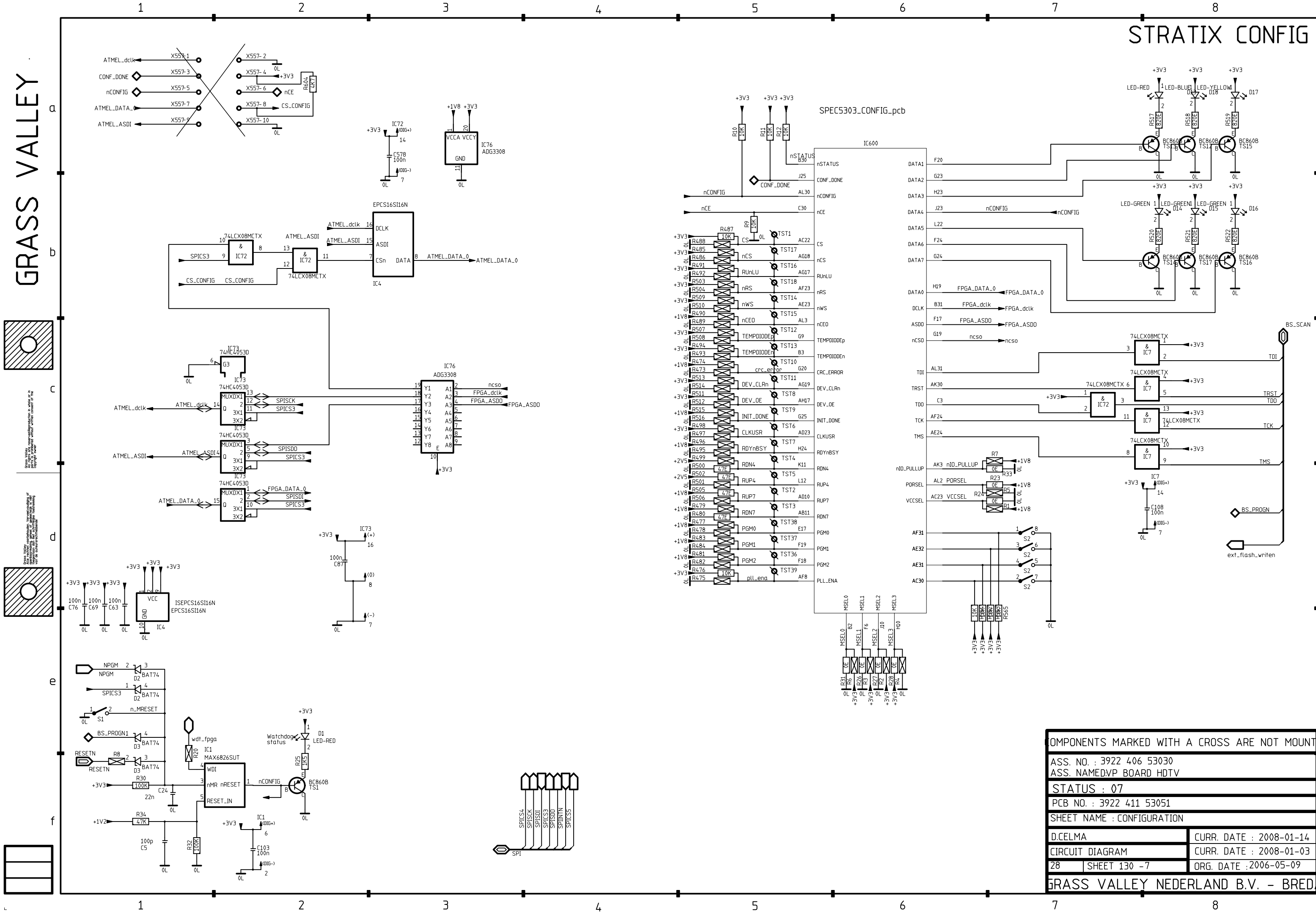
Grass Valley reserves the right to change the design of the circuit without notice.

# POWER SUPPLY ADC

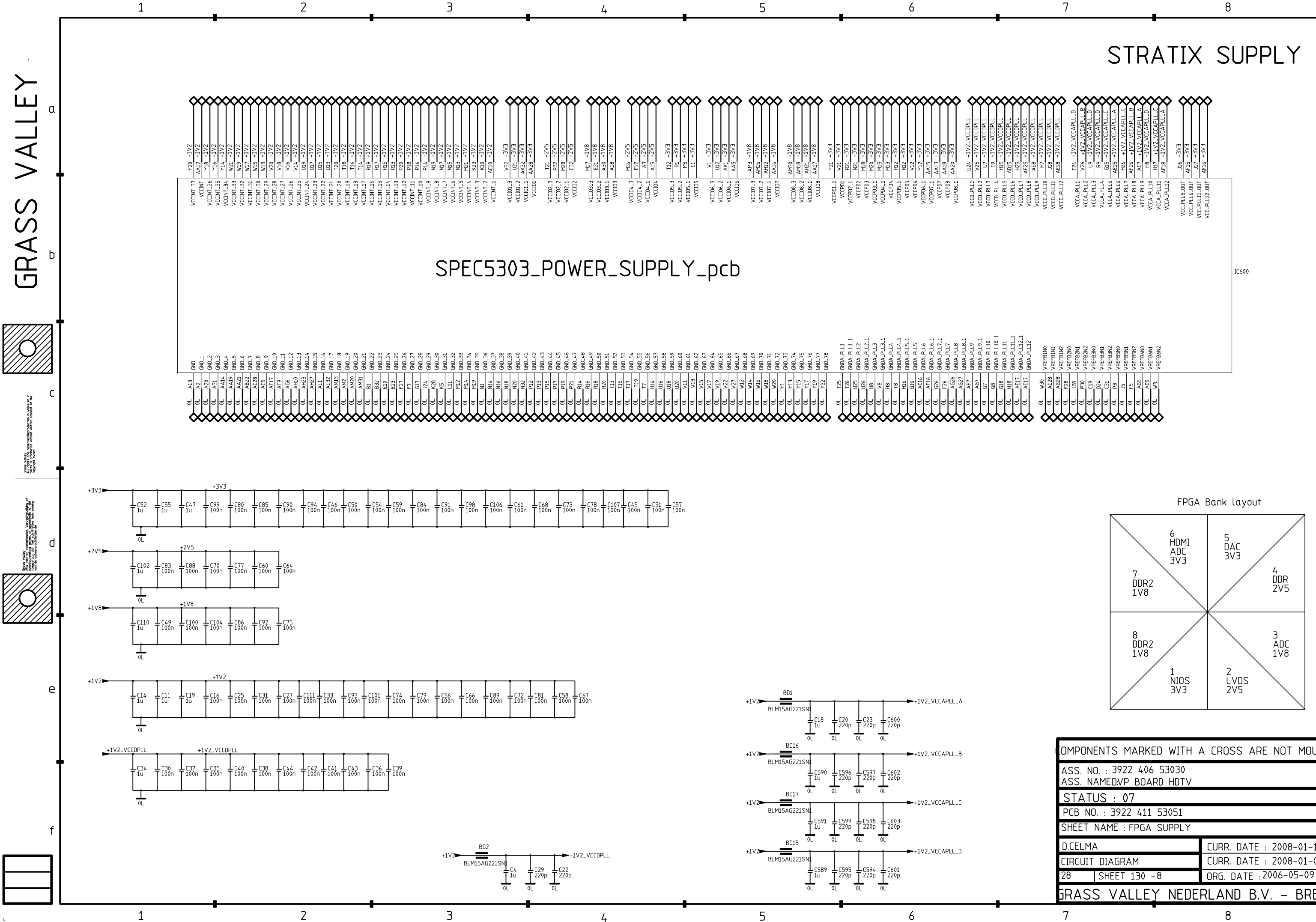


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ASS. NO. : 3922 406 53030	
ASS. NAMEDVP BOARD HDTV	
STATUS : 07	
PCB NO. : 3922 411 53051	
SHEET NAME : ADC	
D.CELMA	CURR. DATE : 2008-01-14
CIRCUIT DIAGRAM	CURR. DATE : 2008-01-03
28	SHEET 130 -3
GRASS VALLEY NEDERLAND B.V. - BREDA	

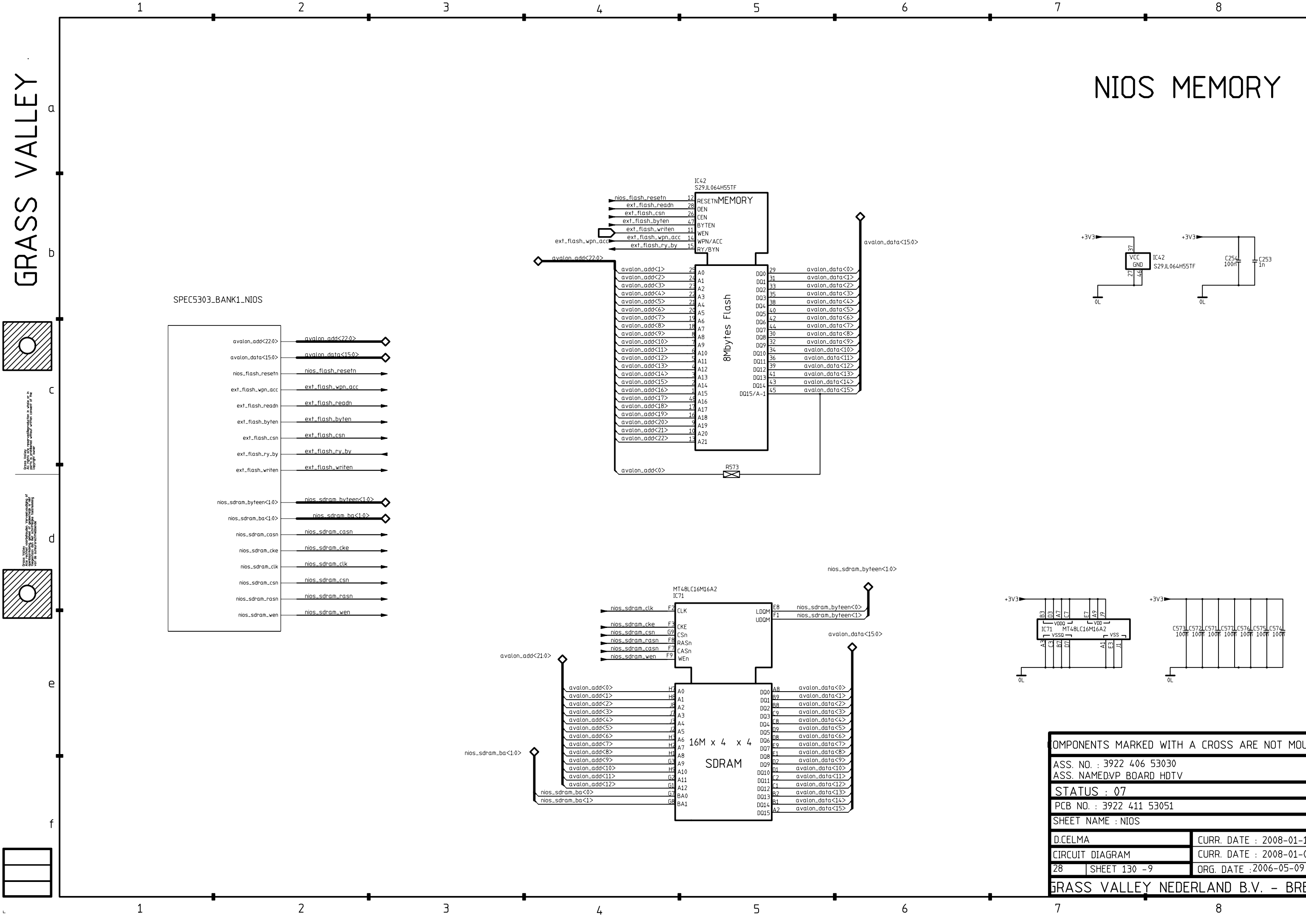

GRASS VALLEY NEDERLAND B.V. - BREDA



COMPONENTS MARKED WITH A CROSS ARE NOT MOUNTED	
ASS. NO. : 3922 406 53030	
ASS. NAMEDVP BOARD HDTV	
STATUS : 07	
PCB NO. : 3922 411 53051	
SHEET NAME : CONFIGURATION	
D.CELMA	CURR. DATE : 2008-01-14
CIRCUIT DIAGRAM	CURR. DATE : 2008-01-03
28	SHEET 130 -7
ORG. DATE :2006-05-09	
GRASS VALLEY NEDERLAND B.V. - BRED	



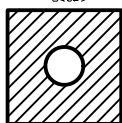
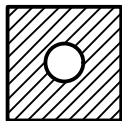




COMPONENTS MARKED WITH A CROSS ARE NOT MOUNTED	
ASS. NO. : 3922 406 53030	
ASS. NAMEDVP BOARD HDTV	
STATUS : 07	
PCB NO. : 3922 411 53051	
SHEET NAME : NIOS	
D.CELMA	CURR. DATE : 2008-01-14
CIRCUIT DIAGRAM	CURR. DATE : 2008-01-03
28	SHEET 130 -9
ORG. DATE :2006-05-09	

GRASS VALLEY NEDERLAND B.V. - BREDA

GRASS VALLEY



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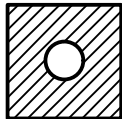
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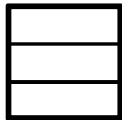
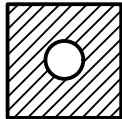
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GRASS VALLEY

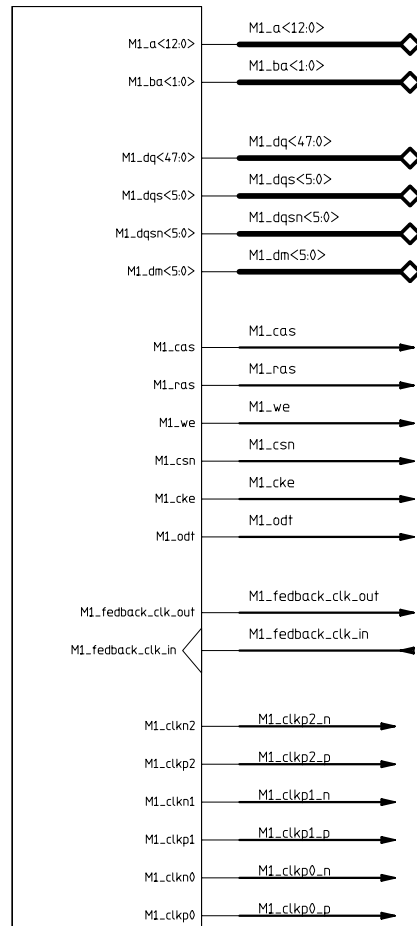


Grass Valley reserves the right to change the specifications of the components without notice.

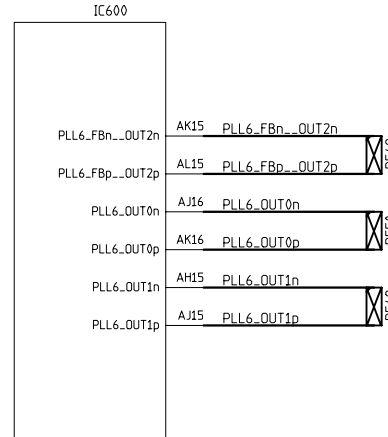
Grass Valley reserves the right to change the specifications of the components without notice.



SPEC5303\_BANK7\_8\_DDR2\_1V8

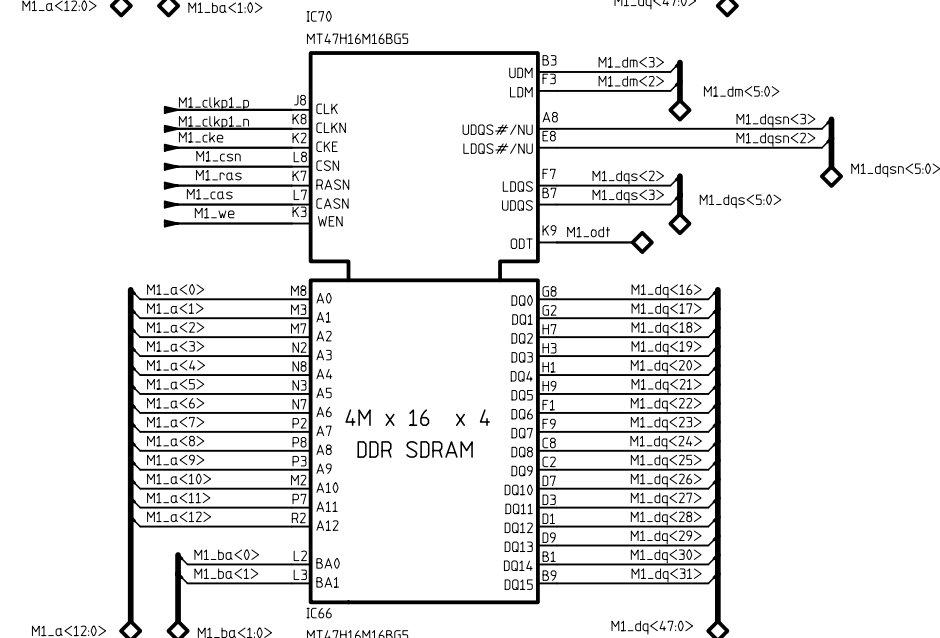
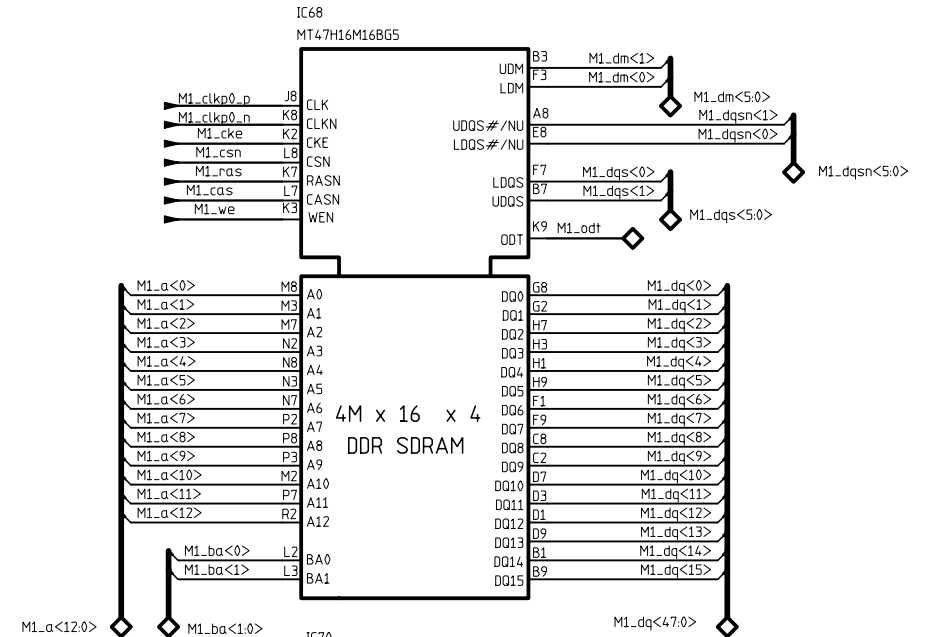


SPEC5303\_BANK10\_PLL6\_DDR2\_pcb

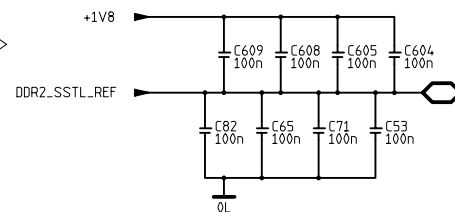
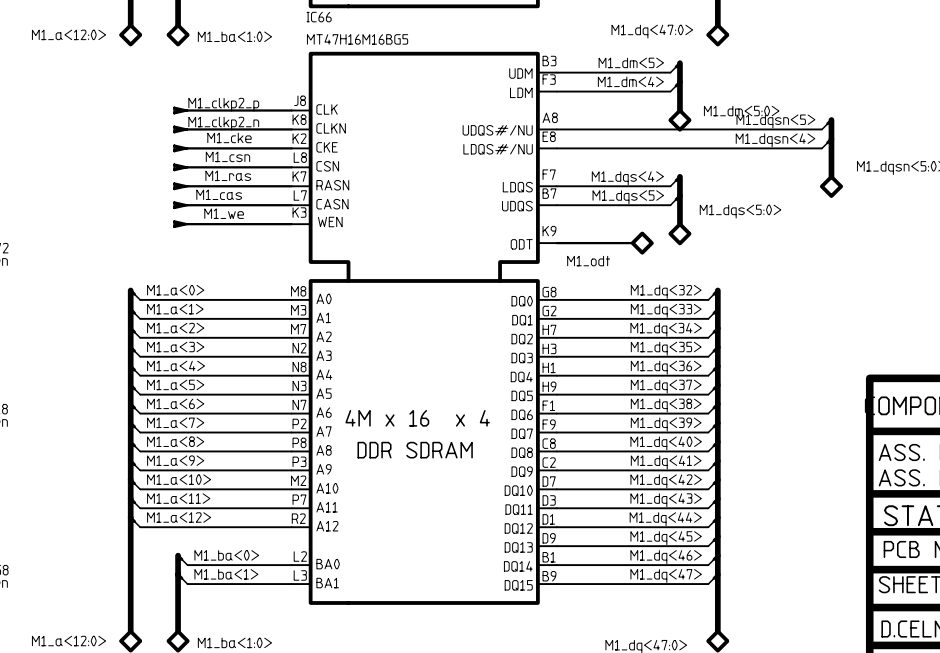
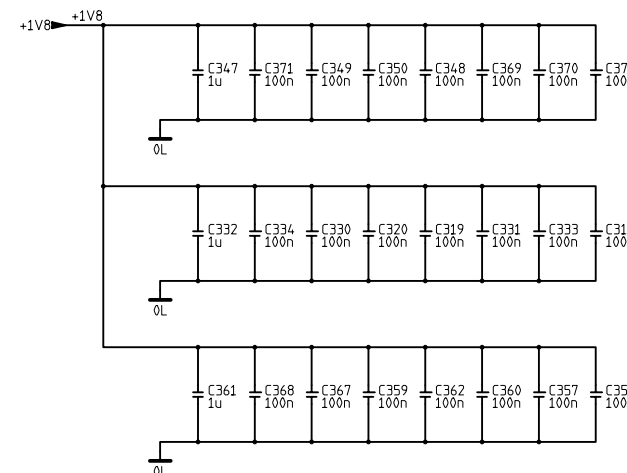
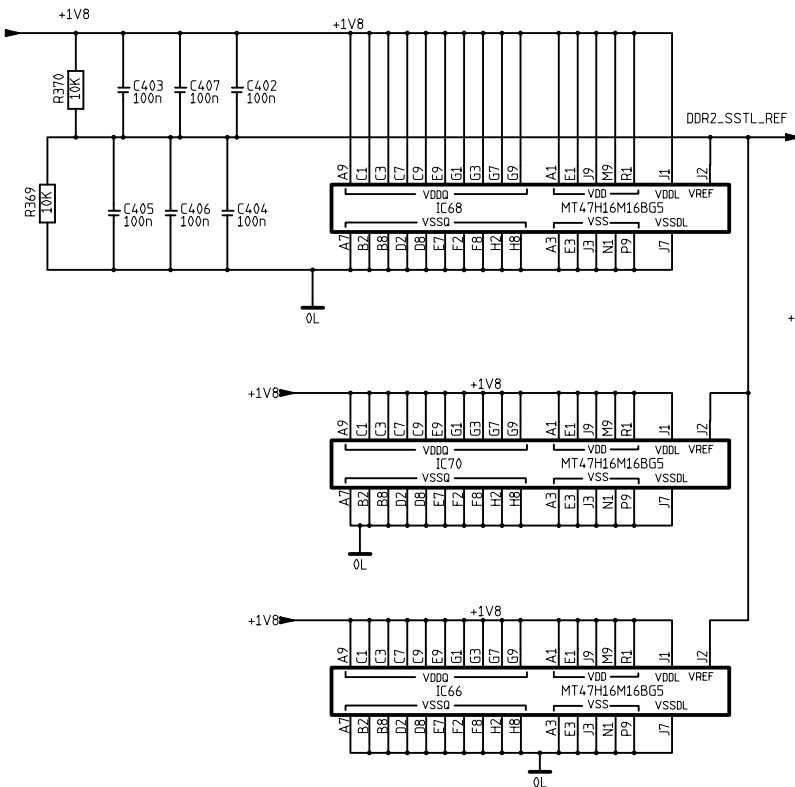
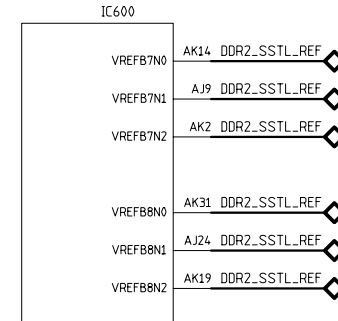


3 x 32 MB DDR2 SDRAM

DDR2 MEMORY



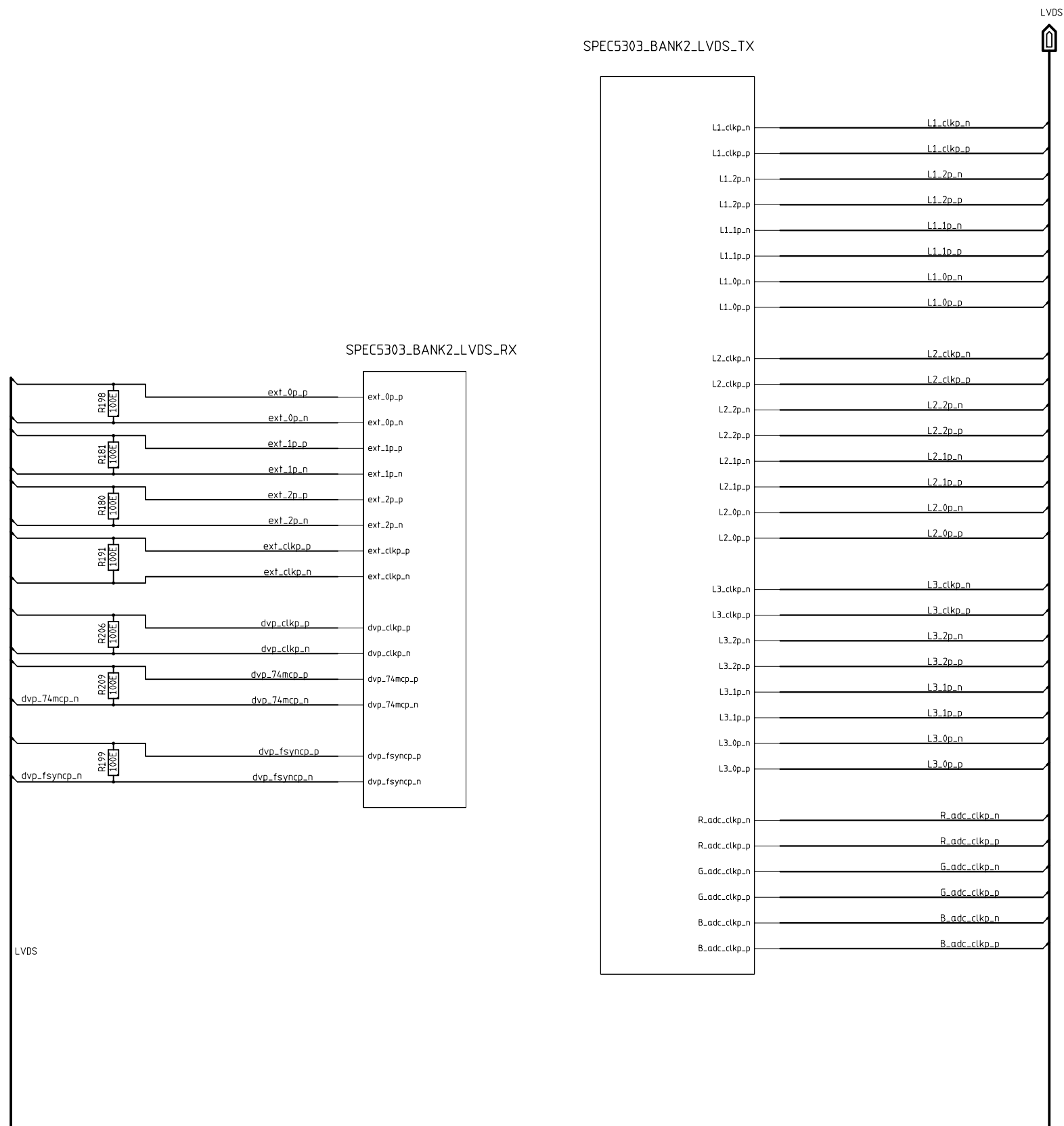
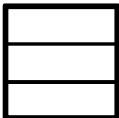
SPEC5303\_BANK7\_8\_VREF\_DDR2\_pcb



COMPONENTS MARKED WITH A CROSS ARE NOT MOUNTED	
ASS. NO. : 3922 406 53030	
ASS. NAMEDVP BOARD HDTV	
STATUS : 07	
PCB NO. : 3922 411 53051	
SHEET NAME : DDR2 MEMORY	
D.CELMA	CURR. DATE : 2008-01-14
CIRCUIT DIAGRAM	CURR. DATE : 2008-01-03
SHEET 130	ORG. DATE : 2006-05-09
GRASS VALLEY NEDERLAND B.V. - BREDA	

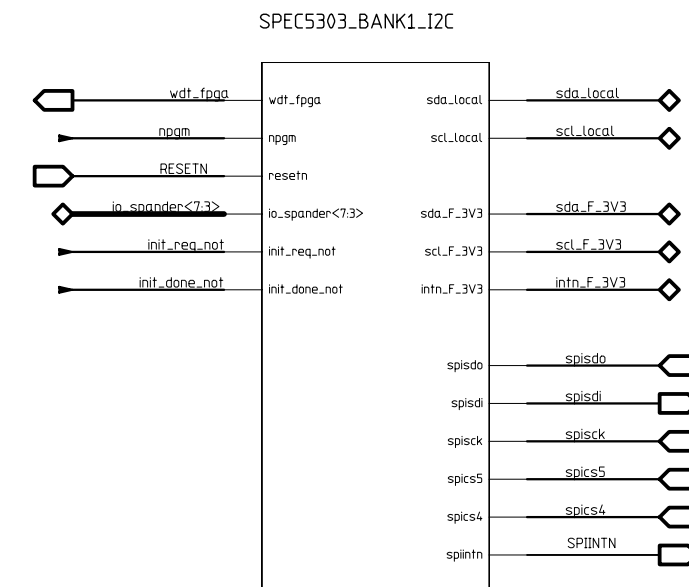
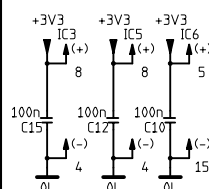
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toestaan dat het schriftelijke toestemming



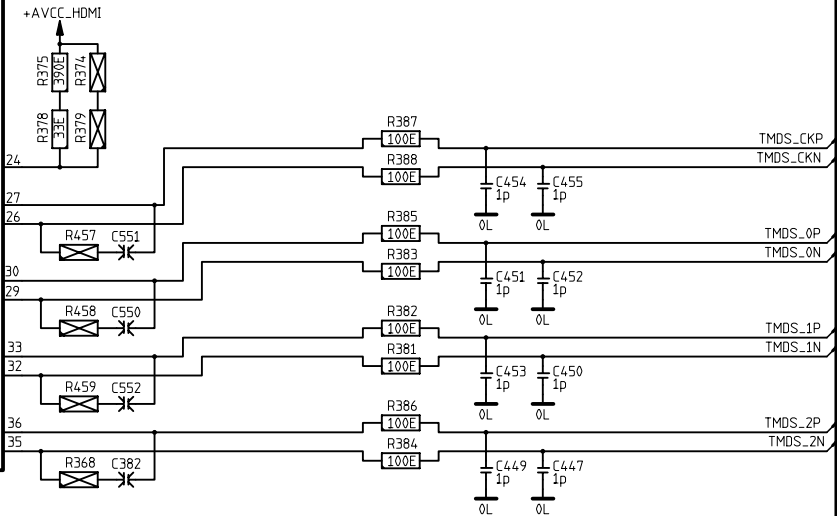
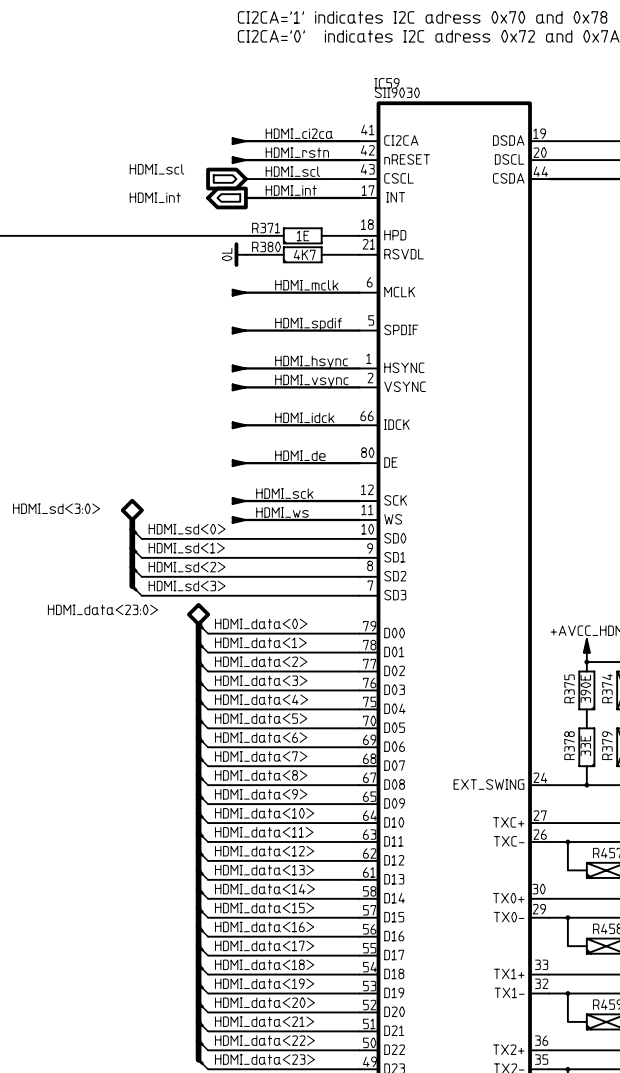
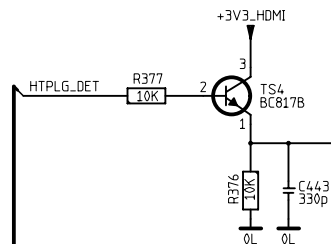
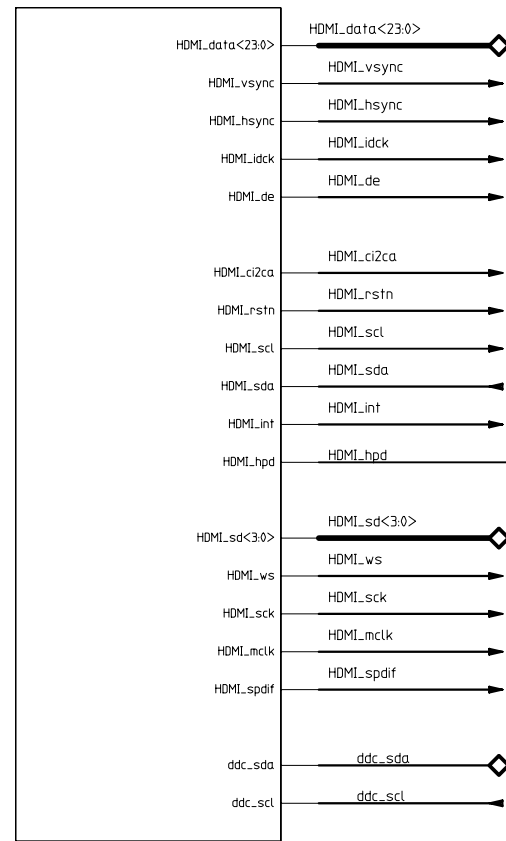
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ASS. NO. : 3922 406 53030	
ASS. NAMEDVP BOARD HDTV	
STATUS : 07	
PCB NO. : 3922 411 53051	
SHEET NAME : LVDS	
D.CELMA	CURR. DATE : 2008-01-14
CIRCUIT DIAGRAM	CURR. DATE : 2008-01-03
28	ORIG. DATE : 2006-05-09
SHEET 130 -12	
GRASS VALLEY NEDERLAND B.V. - BREDA	

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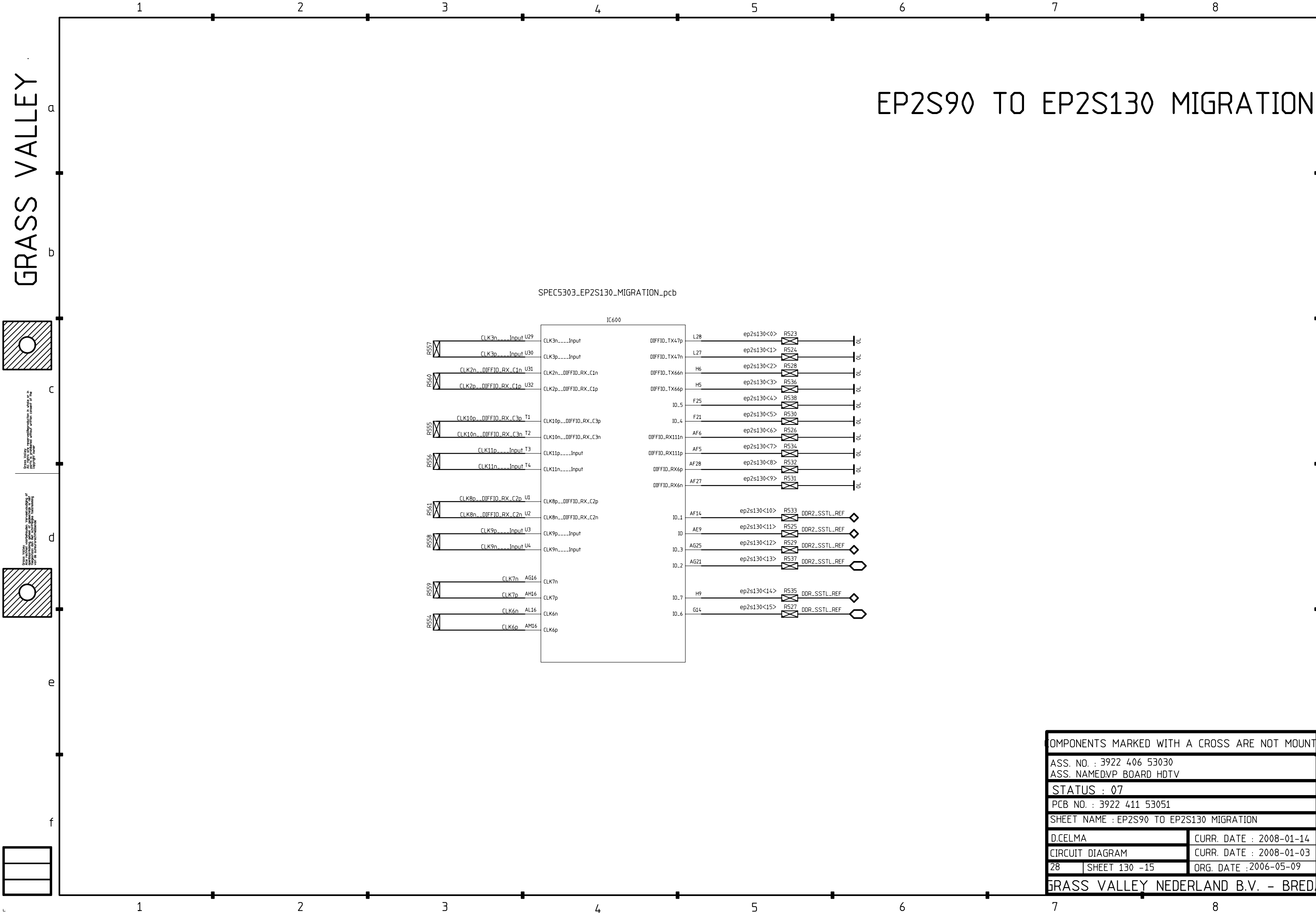


COMPONENTS MARKED WITH A CROSS ARE NOT MOUNTED	
ASS. NO. : 3922 406 53030	
ASS. NAMEDVP BOARD HDTV	
STATUS : 07	
PCB NO. : 3922 411 53051	
SHEET NAME : I2C & SPI	
D.CELMA	CURR. DATE : 2008-01-14
CIRCUIT DIAGRAM	CURR. DATE : 2008-01-03
28	SHEET 130 -13
ORG. DATE :2006-05-09	
GRASS VALLEY NEDERLAND B.V. - BREDA	

SPEC5303\_BANK6\_HDMI\_3V3



COMPONENTS MARKED WITH A CROSS ARE NOT MOUNTED	
ASS. NO. : 3922 406 53030	
ASS. NAMEDVP BOARD HDTV	
STATUS : 07	
PCB NO. : 3922 411 53051	
SHEET NAME : HDMI	
D.CELMA	CURR. DATE : 2008-01-14
CIRCUIT DIAGRAM	CURR. DATE : 2008-01-03
28	SHEET 130 -14
ORG. DATE : 2006-05-09	
GRASS VALLEY NEDERLAND B.V. - BREDA	



COMPONENTS MARKED WITH A CROSS ARE NOT MOUNTED

ASS. NO. : 3922 406 53030

ASS. NAMEDVP BOARD HDTV

STATUS : 07

PCB NO. : 3922 411 53051

SHEET NAME : EP2S90 TO EP2S130 MIGRATION

D.CELMA

CIRCUIT DIAGRAM

28

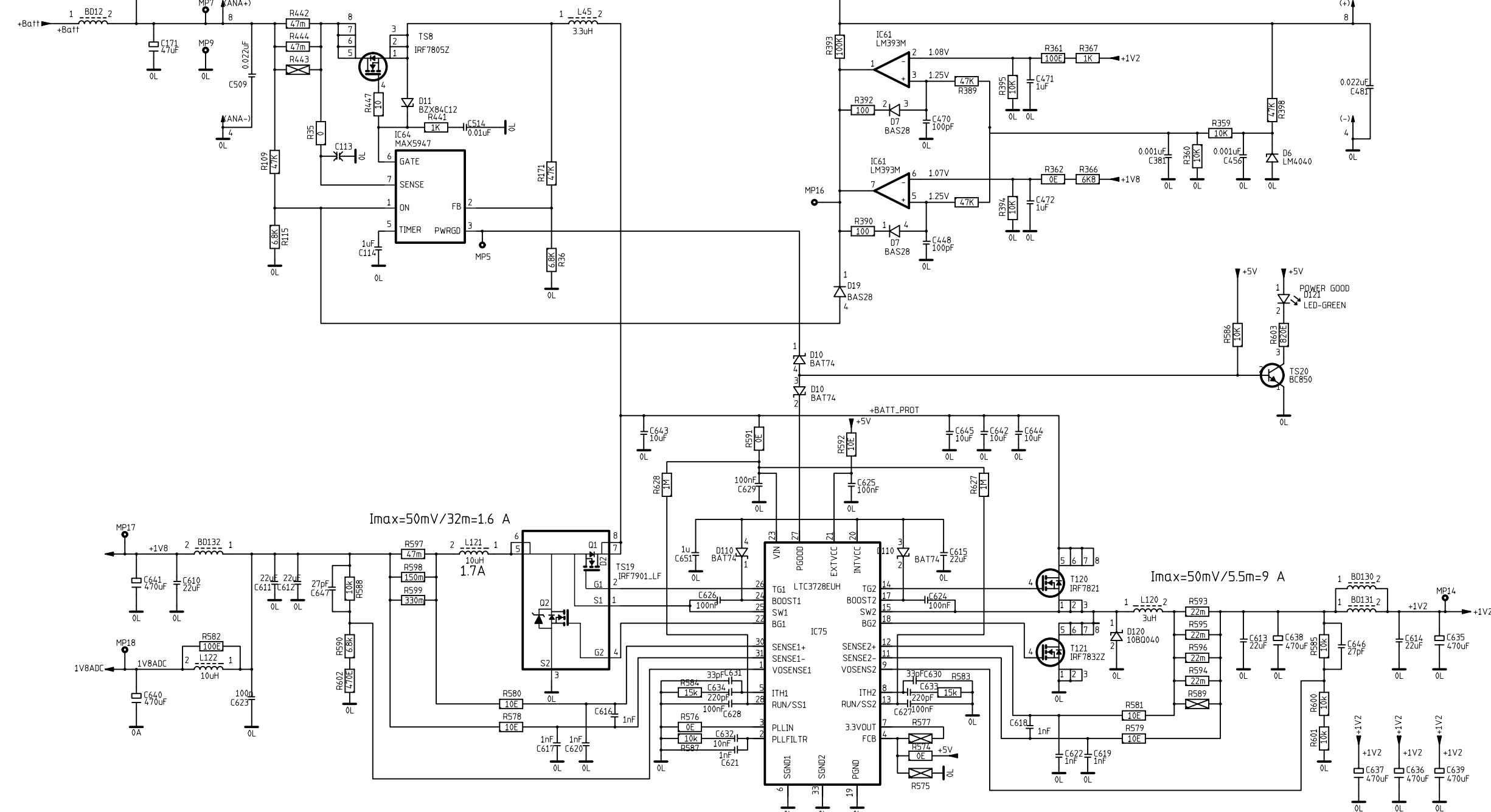
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CURR. DATE : 2008-01-03

SHEET 130 -15

ORG. DATE :2006-05-09

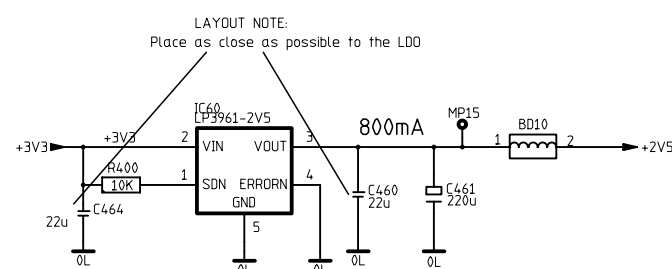
GRASS VALLEY NEDERLAND B.V. - BREDA



## +1V8 1.6A DC-DC CONVERTER

## +1V2 9A DC-DC CONVERTER

## +2V5 GENERATION VOLTAGE



COMPONENTS MARKED WITH A CROSS ARE NOT MOUNTED

ASS. NO. : 3922 406 53030

ASS. NAMED:VP BOARD HDTV

STATUS : 07

PCB NO. : 3922 411 53051

SHEET NAME : POWER

D.CELMA

CURR. DATE : 2008-01-14

CIRCUIT DIAGRAM

CURR. DATE : 2008-01-03

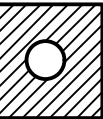
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GRASS VALLEY NEDERLAND B.V. - BREDA

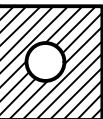


GRASS VALLEY

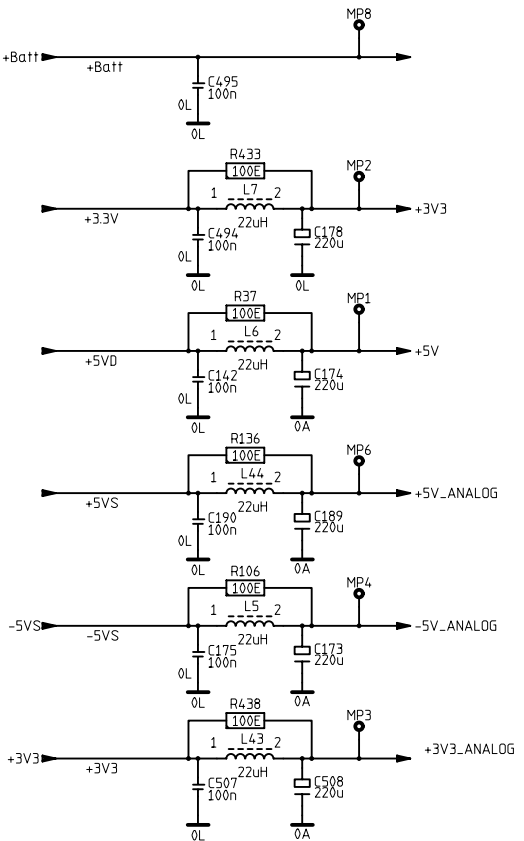
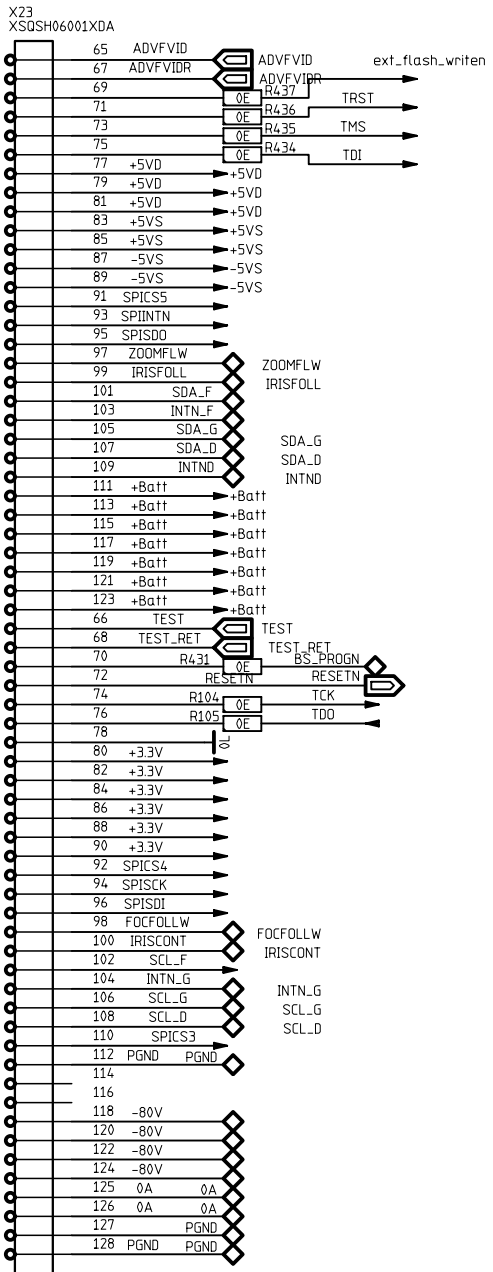
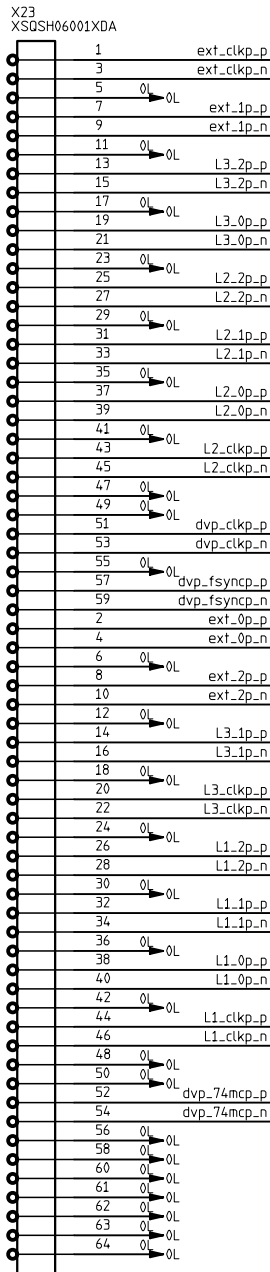
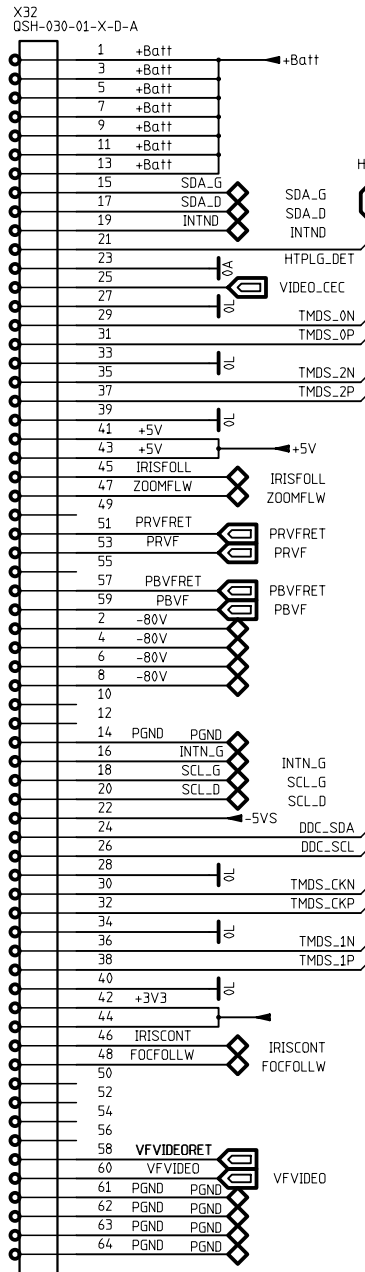


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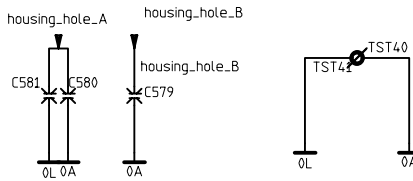
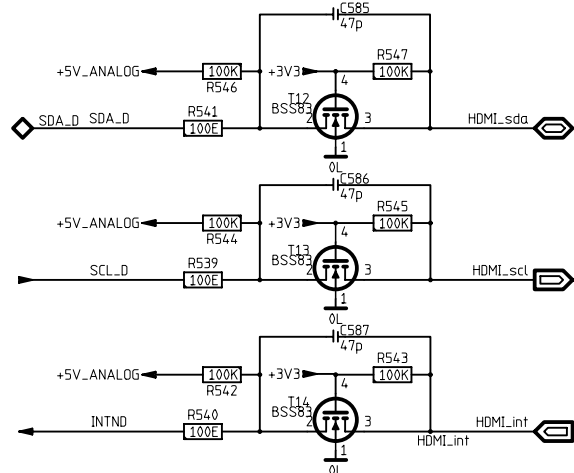
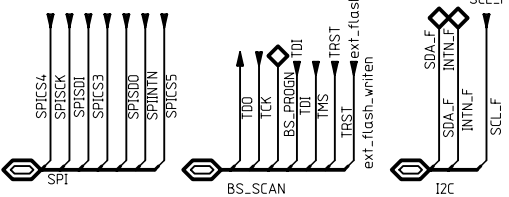
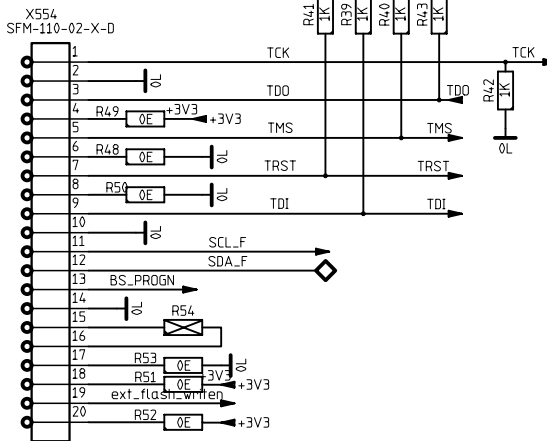
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# I/O PINS



## JTAG CHAIN



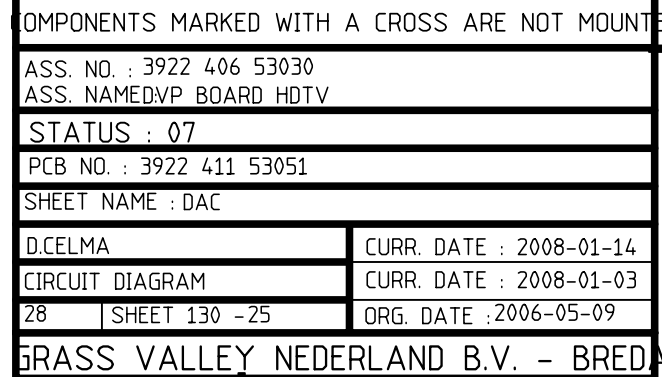
COMPONENTS MARKED WITH A CROSS ARE NOT MOUNTED	
ASS. NO. : 3922 406 53030	
ASS. NAMEDVP BOARD HDTV	
STATUS : 07	
PCB NO. : 3922 411 53051	
SHEET NAME : I/O PINS	
D.CELMA	CURR. DATE : 2008-01-14
CIRCUIT DIAGRAM	CURR. DATE : 2008-01-03
28	SHEET 130 -24
GRASS VALLEY NEDERLAND B.V. - BREDA	

b

C

d

f



GRASS VALLEY

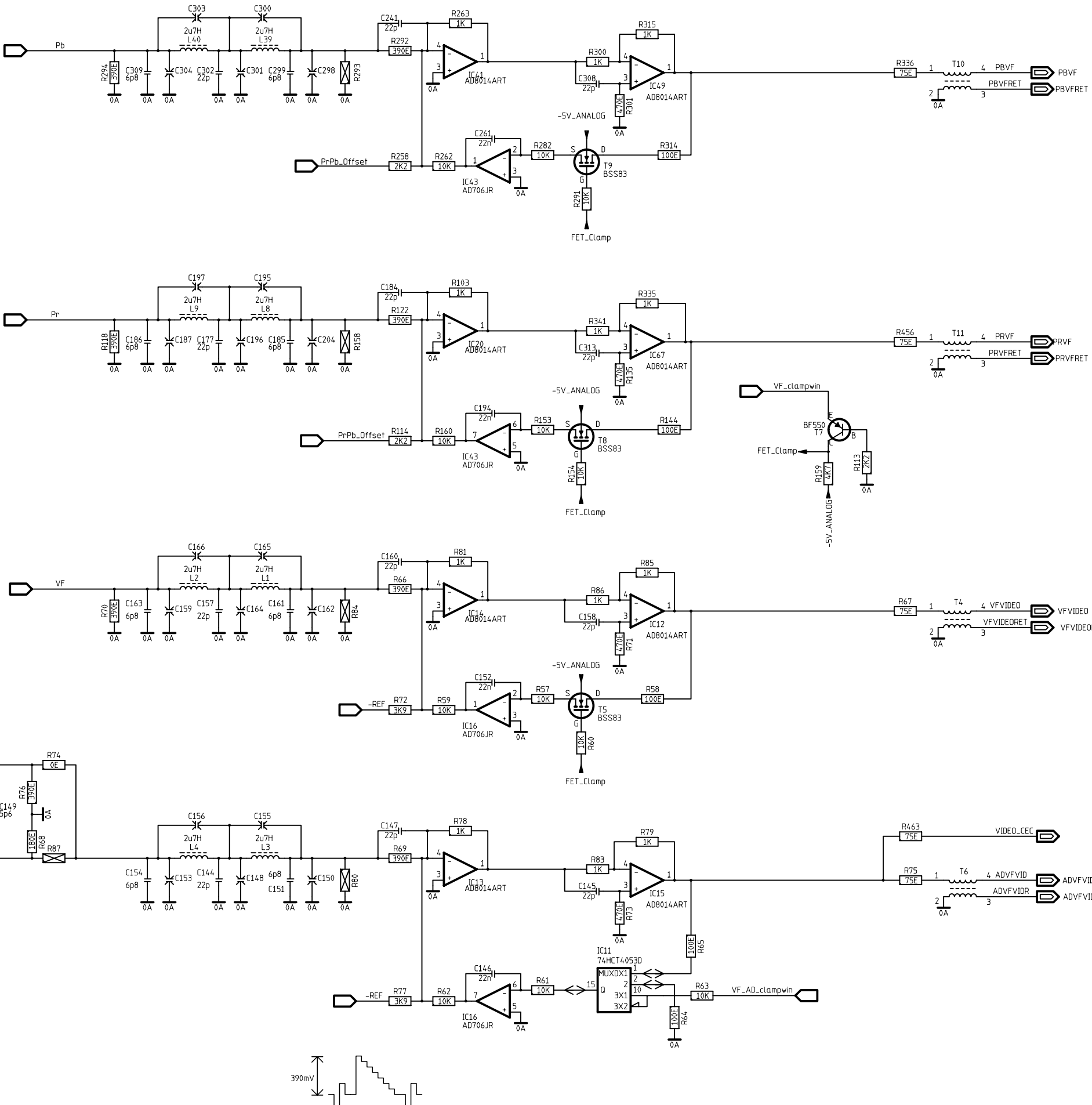
Grass Valley reserves the right to change the design of the circuit without notice.

Grass Valley reserves the right to change the design of the circuit without notice.

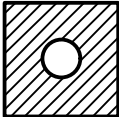
DAC'S

D/A CONVERSION #800 #900

COMPONENTS MARKED WITH A CROSS ARE NOT MOUNTED	
ASS. NO. : 3922 406 53030	
ASS. NAMEDVP BOARD HDTV	
STATUS : 07	
PCB NO. : 3922 411 53051	
SHEET NAME : DAC	
D.CELMA	CURR. DATE : 2008-01-14
CIRCUIT DIAGRAM	CURR. DATE : 2008-01-03
28	SHEET 130 -26
GRASS VALLEY NEDERLAND B.V. - BREDA	

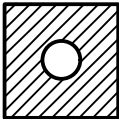


GRASS VALLEY

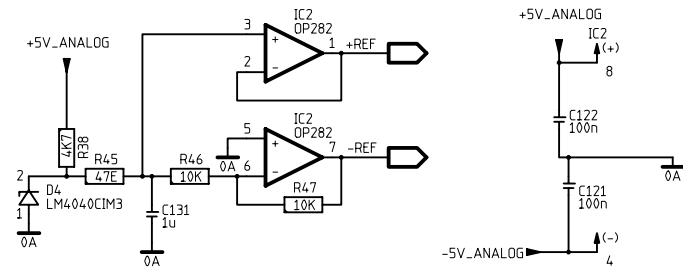
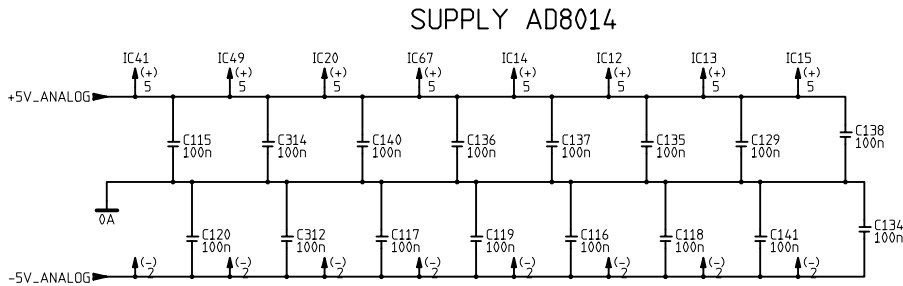
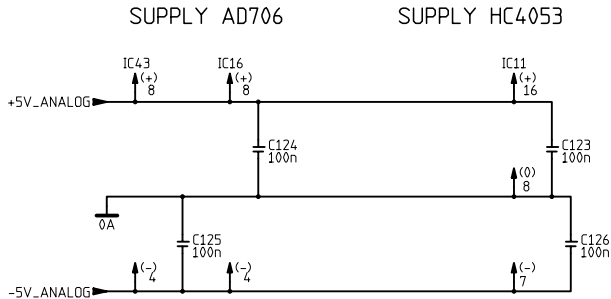


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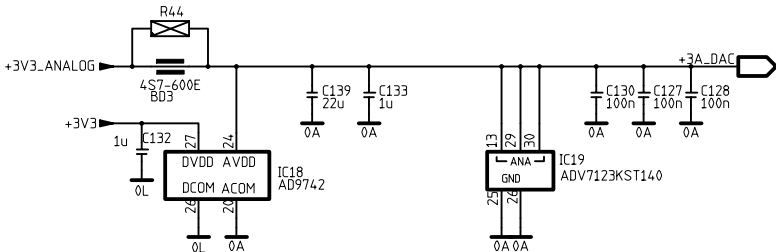
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# POWER SUPPLY DAC'S



## DAC SUPPLY



COMPONENTS MARKED WITH A CROSS ARE NOT MOUNTED	
ASS. NO. : 3922 406 53030	
ASS. NAMEDVP BOARD HDTV	
STATUS : 07	
PCB NO. : 3922 411 53051	
SHEET NAME : DAC	
D.CELMA	CURR. DATE : 2008-01-14
CIRCUIT DIAGRAM	CURR. DATE : 2008-01-03
28	SHEET 130 -27
ORG. DATE :2006-05-09	
GRASS VALLEY NEDERLAND B.V. - BREDA	