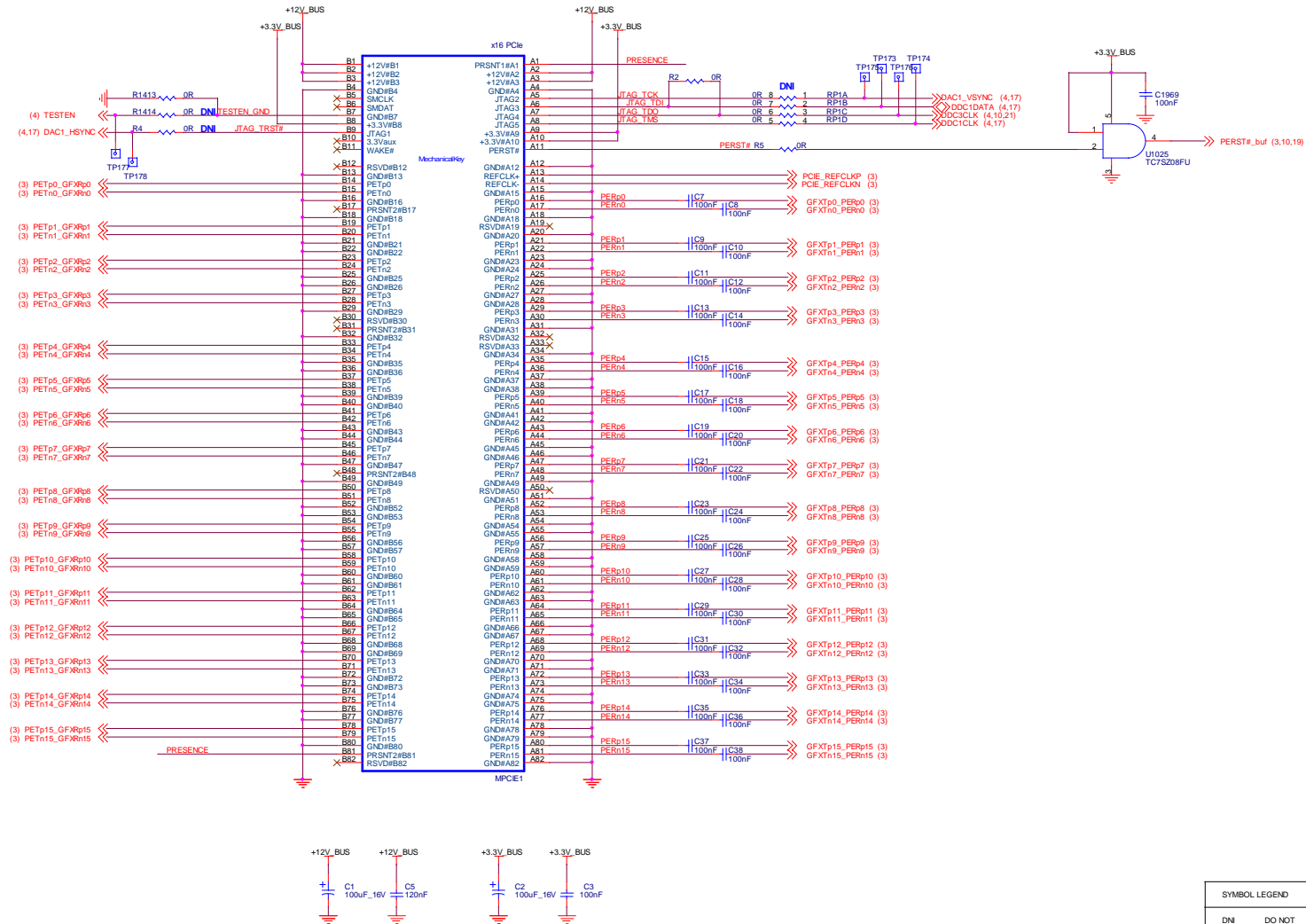


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Title: RH PCIE RV570 512M 136b DDR3 DDVI DDVI VIVO CF
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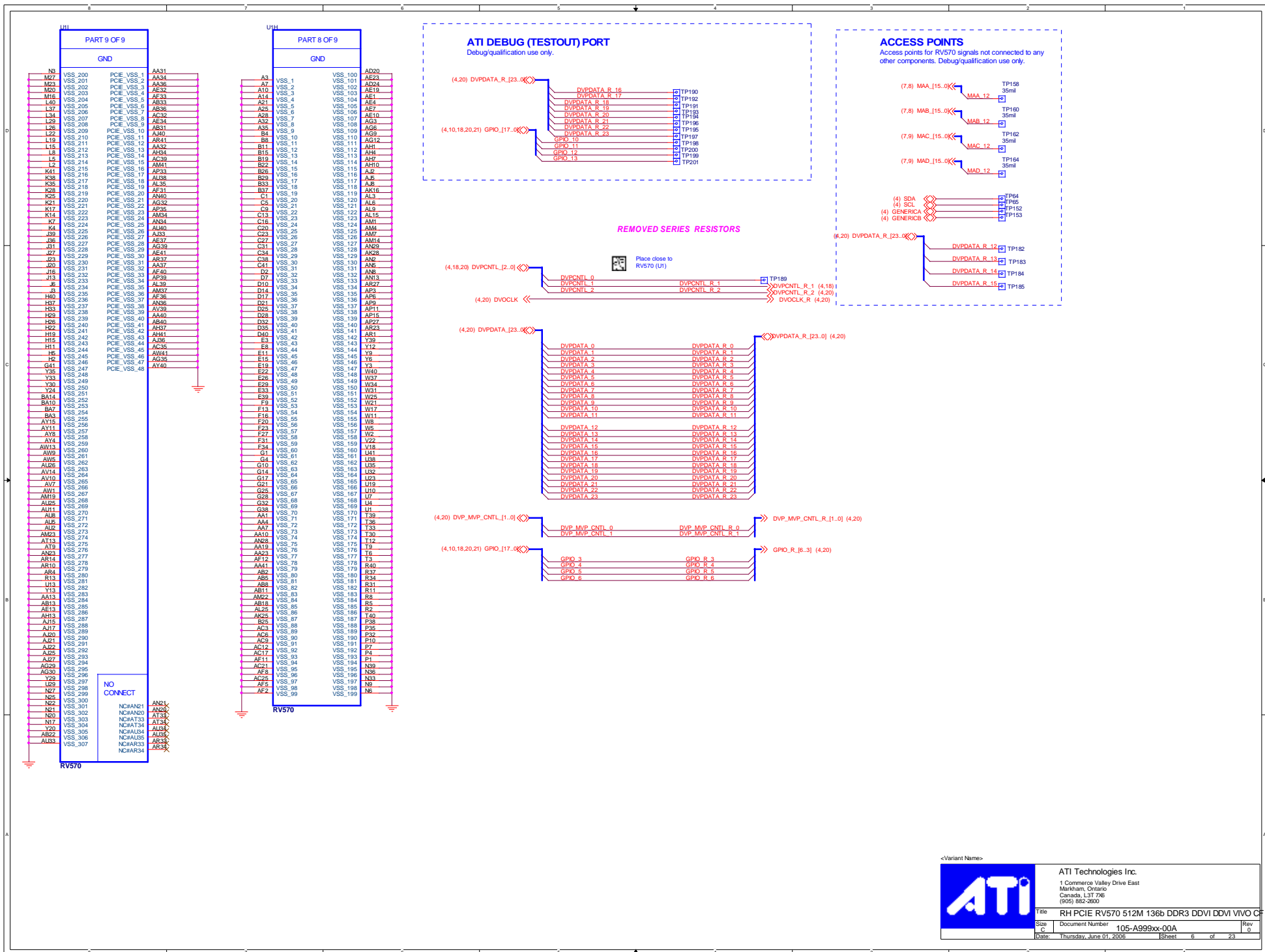
PCI-EXPRESS EDGE CONNECTOR

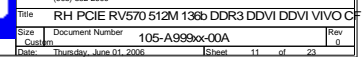
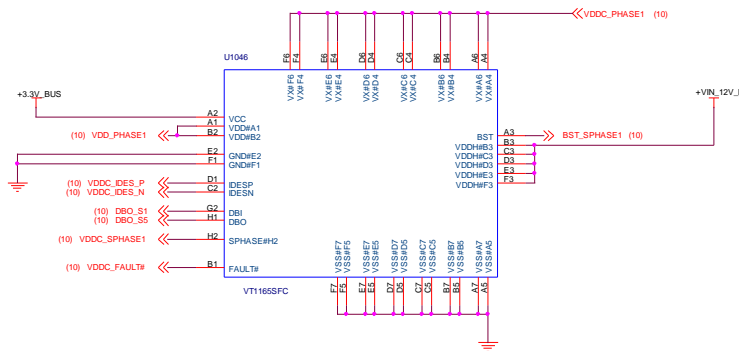


SYMBOL LEGEND	
DNI	DO NOT INSTALL
#	ACTIVE LOW
	DIGITAL GROUND
	ANALOG GROUND



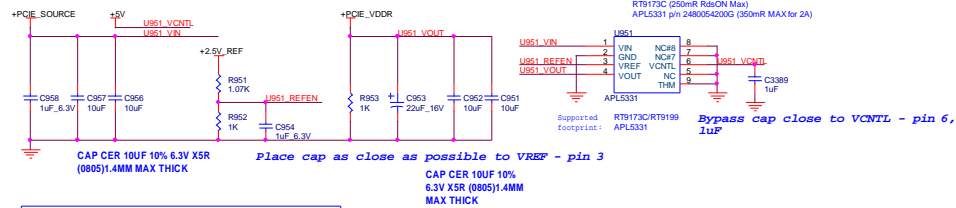
ATI Technologies Inc. 1 Commerce Valley Drive East Markham, Ontario Canada, L3T 7W6 (905) 882-2600			
Title	RH PCIe RV570 512M 136b DDR3 DDVI DDVI VIVO CF		
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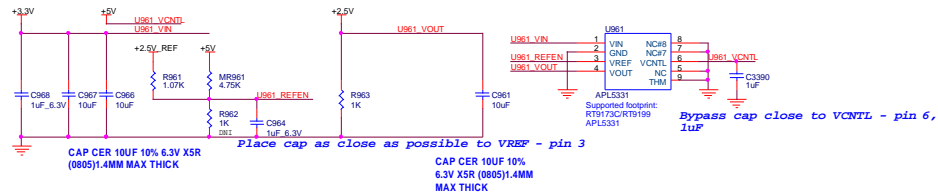




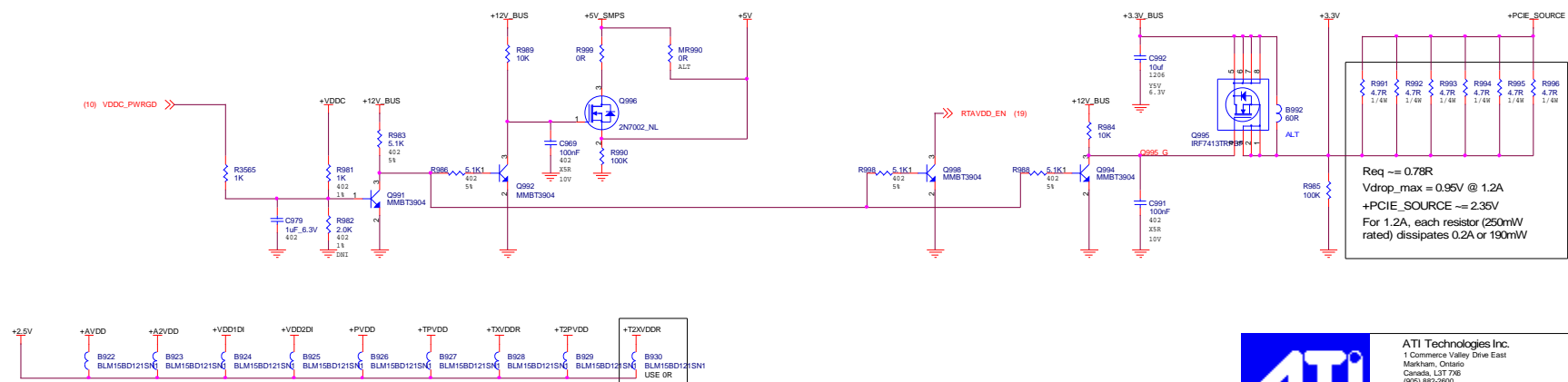
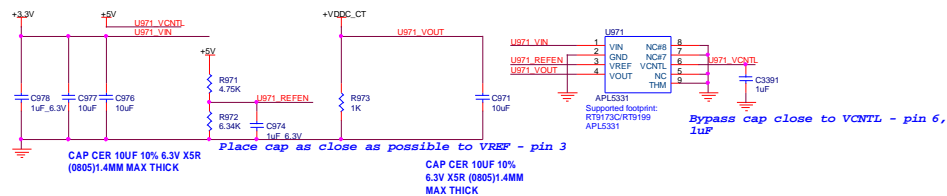
Optional regulator for +PCIE
Vout = 1.2V ~1.25V
Iout = 1.2A MAX



Optional regulator for +2.5V
Vout = 2.5V
Iout = 600mA MAX



Optional Regulator for +VDDC_CT
Vout = 2.5V ~ 2.85V
Iout = 100mA MAX

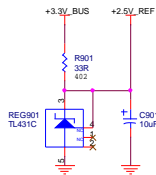


Req ~ = 0.78R
Vdrop_max = 0.95V @ 1.2A
+PCIE_SOURCE ~ = 2.35V
For 1.2A, each resistor (250mW rated) dissipates 0.2A or 190mW

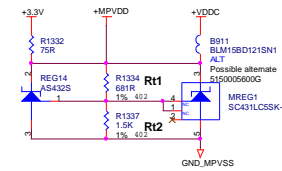


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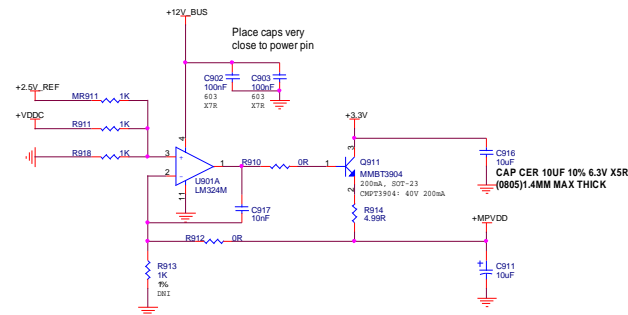
Document Number **105-A880xx-00A**



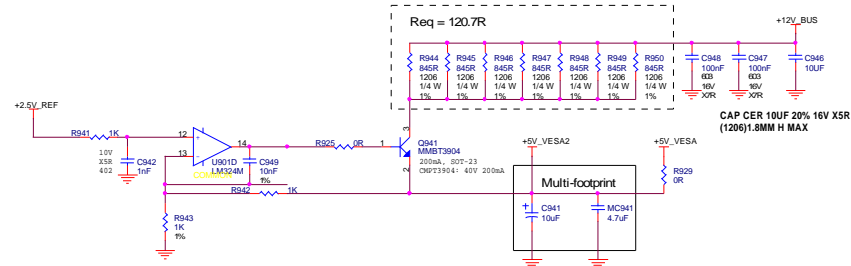
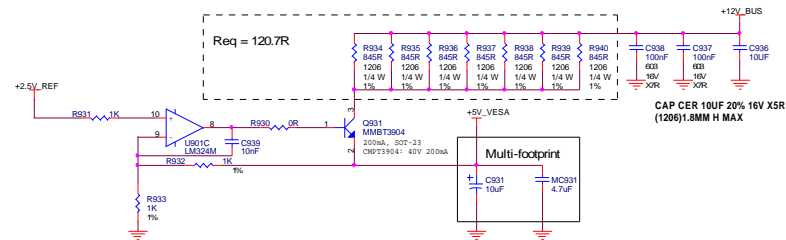
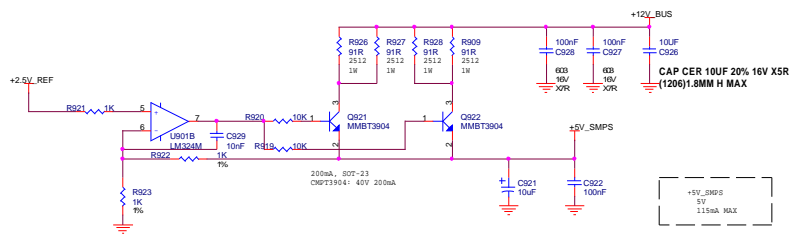
Alt regulator for +MPVDD
Vout = 1.2V (not tracking to VDDC)
Iout = 10mA MAX



	Rt1	Rt2
1.52V	432R 3240432000 3160432000	2.15K 3160215100
1.61V	432R 3240432000	1.5K 3230015200 1.5K 3160150100
1.69V	432R 3240432000	1.21K 3240121100
1.718V	562R 3240562000	1.5K 3230015200 1.5K 3160150100
1.75V	604R 3160604000	1.5K 3230015200 1.5K 3160150100
1.8V	604R 3160604000	1.37K 3160137100



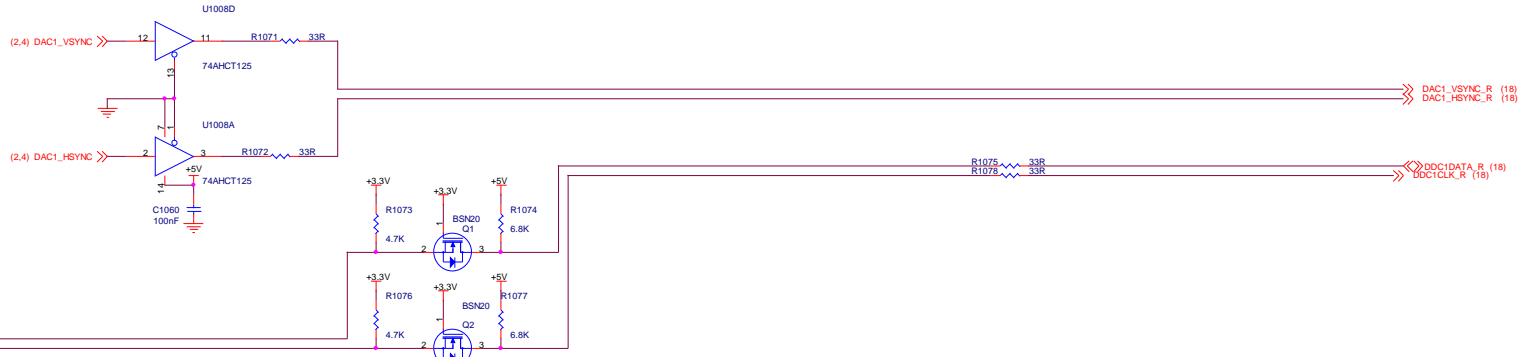
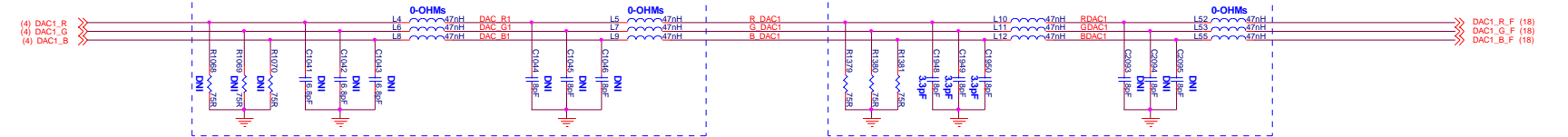
Removed 3 x 3190130000G (R926, R927, R928)
 Added 4 x 3180002900G



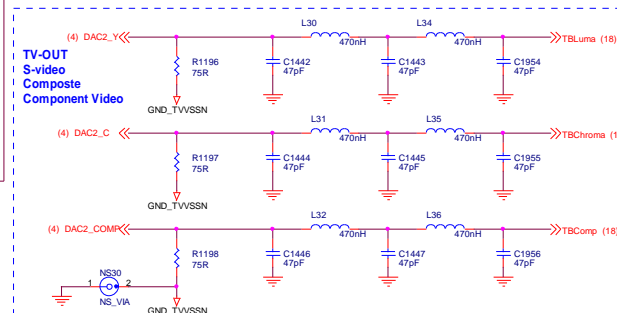
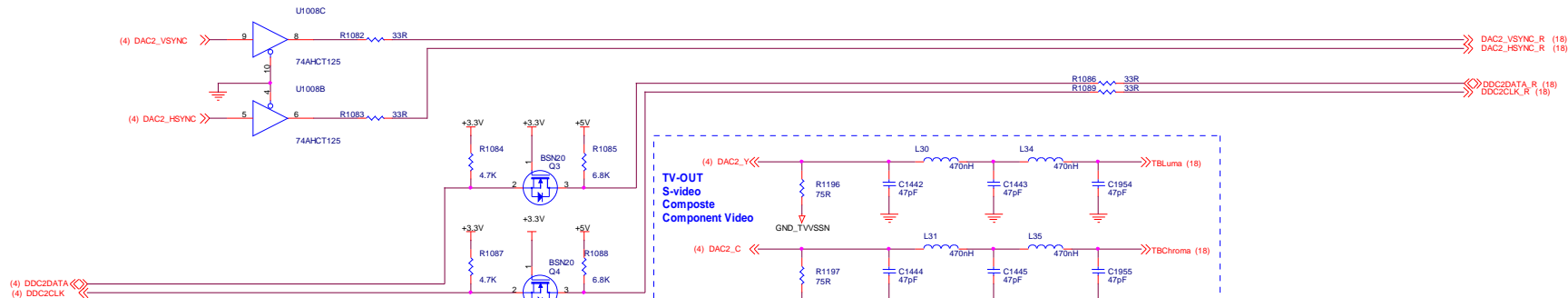
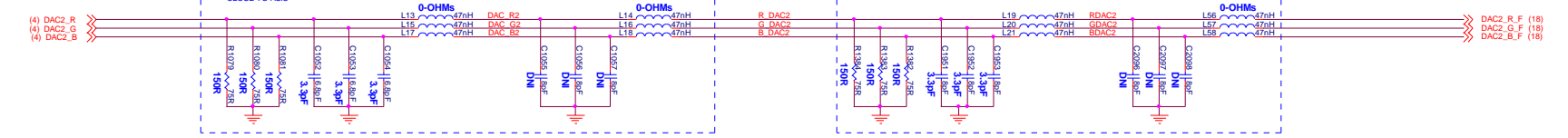
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DAC1 FILTERS (PRIMARY DISPLAY)



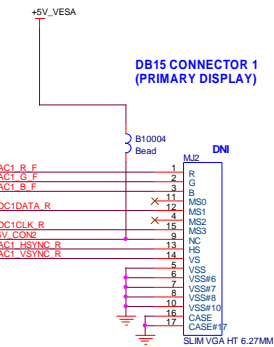
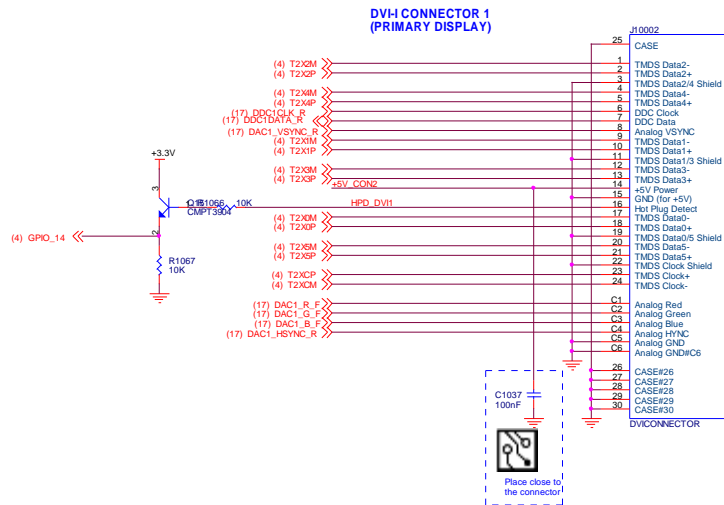
DAC2 FILTERS



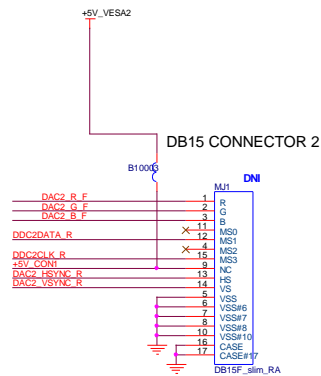
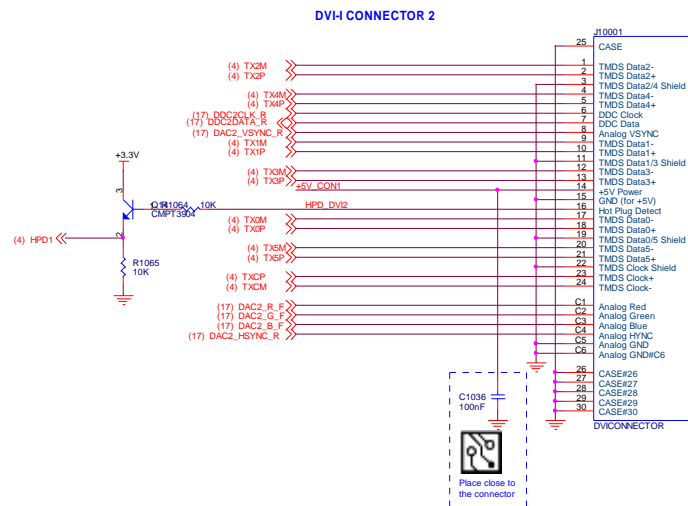
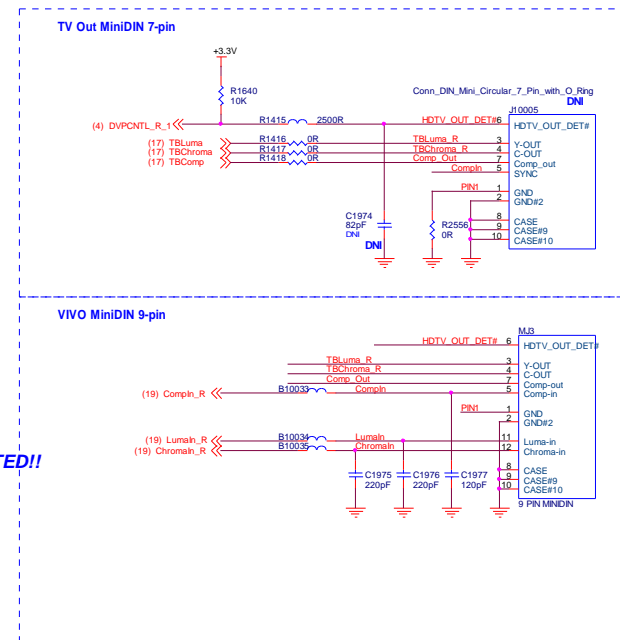
<Variant Name>

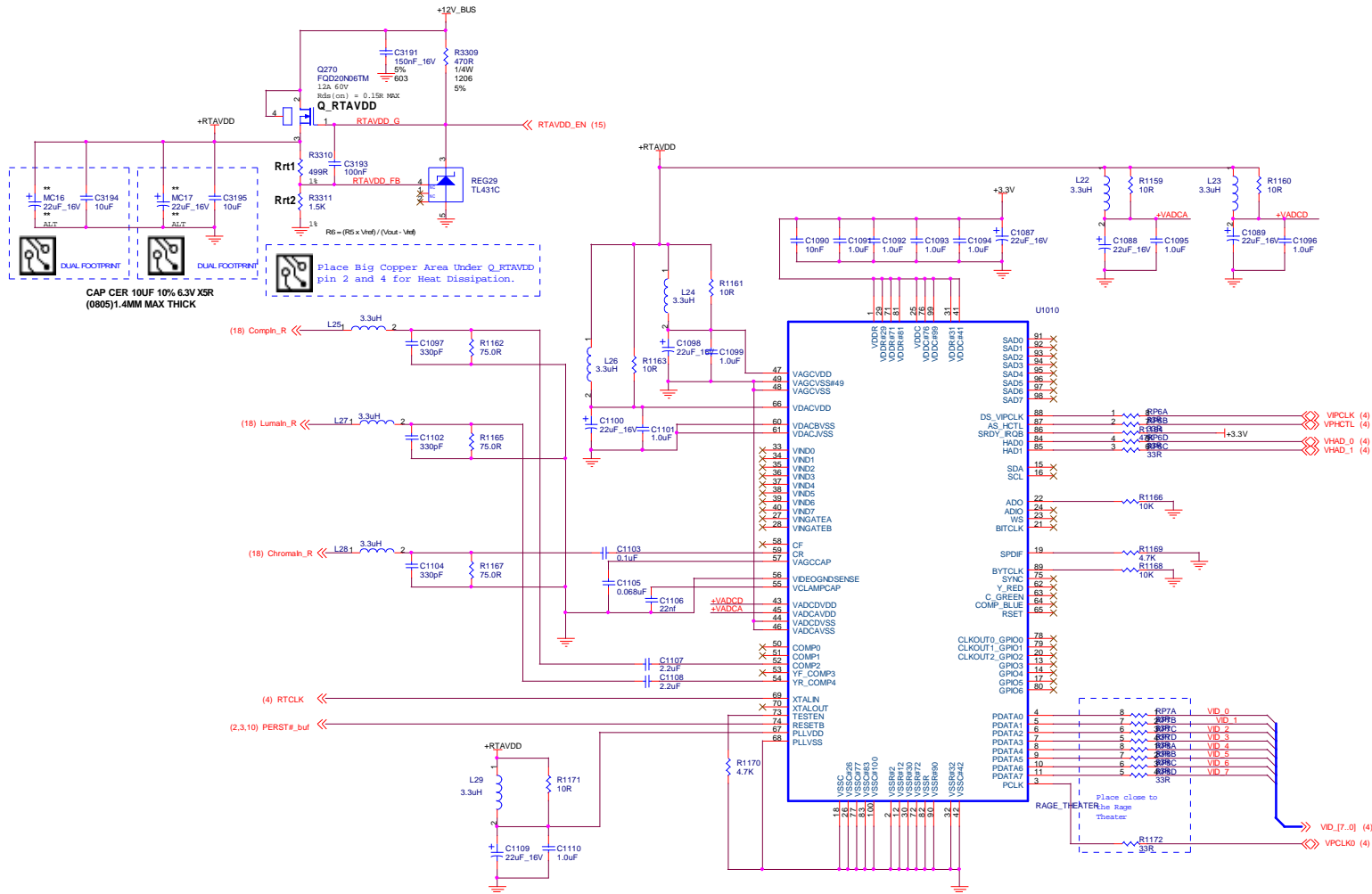


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CHECK WHICH +5V HAS TO BE CONNECTED!!





STUFFING OPTIONS

DISPLAY CONFIGURATION INSTALL DO NOT INSTALL

DVI DVI VIVO ALL COMPONENTS

DVI VGA TVO ALL COMPONENTS

NOTE:

- Other components are to be installed.
- Components marked as DNI should not be installed. They should only be installed if default board settings are to be changed in which case other components may have to be adjusted accordingly.

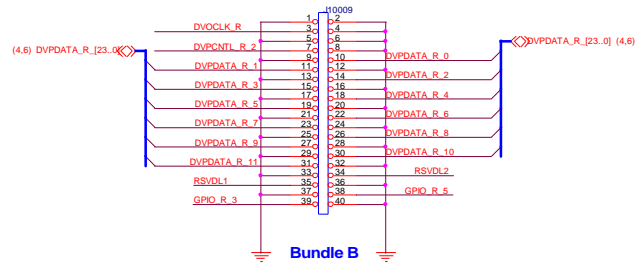


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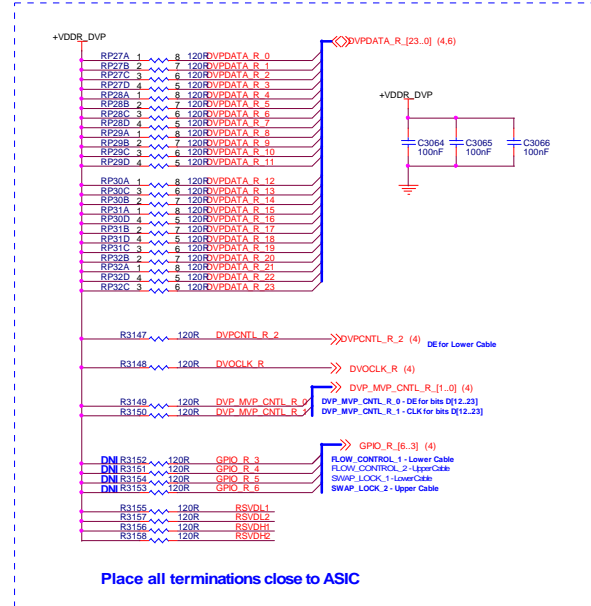
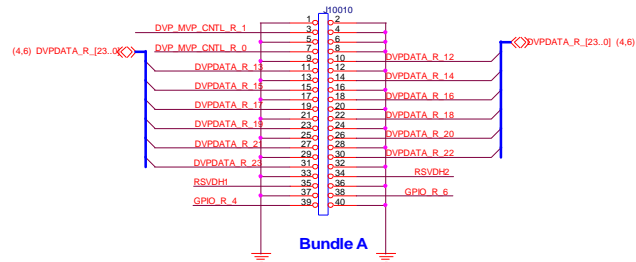
CrossFire Card-Edge

Lower Cable Card Edge



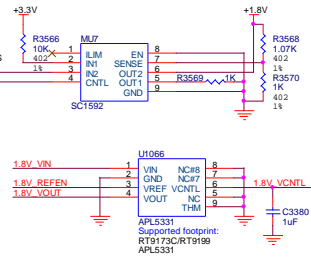
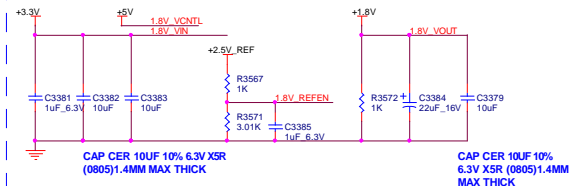
THE PINOUT HAS BEEN CHANGED FOR CONNECTORS!!

Upper Cable Card Edge



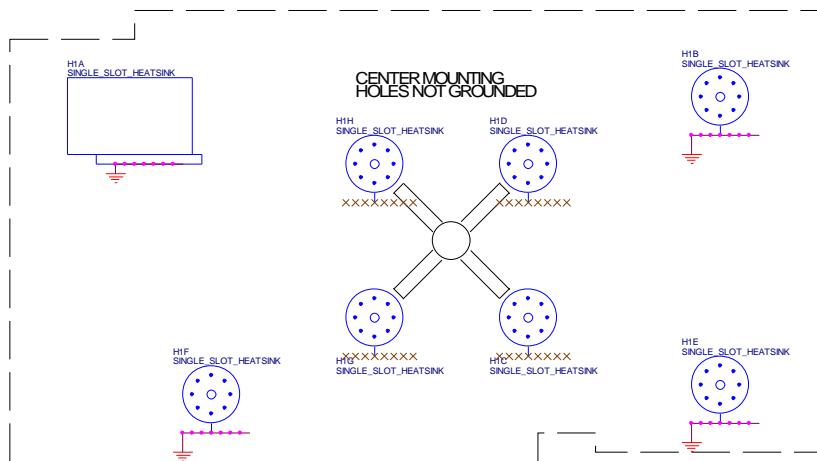
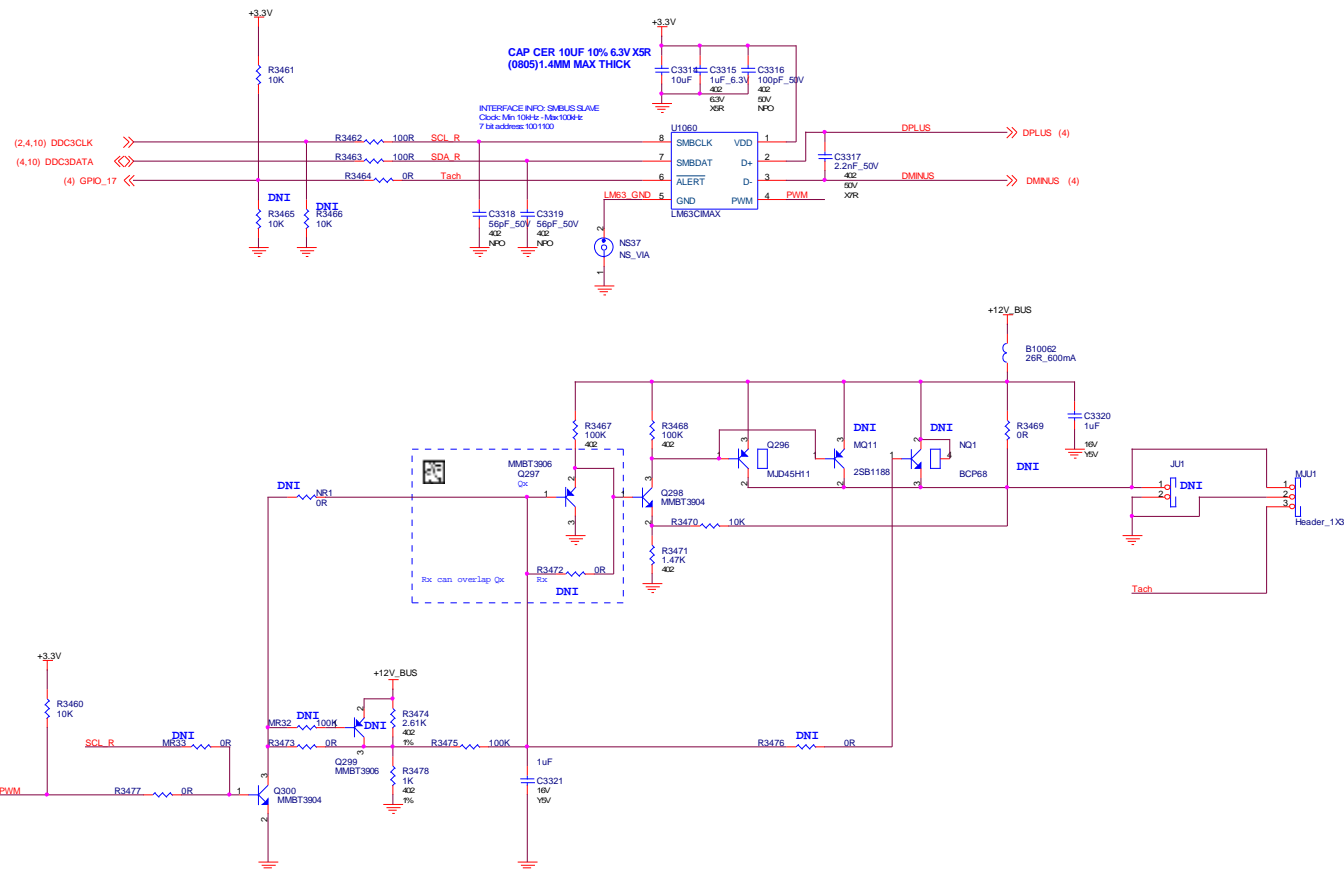
Place all terminations close to ASIC

Optional regulator for +1.8V
Vout = 1.8V
Iout = 1A MAX
P = 1W MAX



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ASSY1
BRACKET
DUAL
8020038800

DVI SCREWS
ASSY5
SCREW
JACKSCREW
ASSY

ASSY7
SCREW
JACKSCREW
ASSY

ASSY9
SCREW
PAN_HEAD

MISC. BOARD PARTS
ASSY10
BLANK
LABEL
1.5W_X_0.50H

ASSY11
ANTISTATIC
BAG
6_X_11
ASSY

DNI
ASSY2
BRACKET
DUAL
80200388A0

DVI SCREWS
ASSY6
SCREW
JACKSCREW
ASSY

ASSY8
SCREW
JACKSCREW
ASSY

REF1
PCB
109-A52031-20

REF2
ATI LOGO
LABEL
ATI_LOGO_LABEL

DNI
ASSY3
BRACKET
DUAL
80200388B0

MT1
MT_Hole_0.136_in.
DNI

MT2
MT_Hole_0.136_in_6VIA
DNI

DNI
SK1
10100102521

PCB OPTIONS

BOARD/PRODUCT TYPE	PCB TO USE (REF1)
NORMAL (NON-LEAD-FREE)	109-A88131-00A
LEAD-FREE	
GOLD (SOCKET EQUIPPED)	

STUFFING OPTIONS

DISPLAY CONFIGURATION	INSTALL	DO NOT INSTALL
DVI DVI VIVO	ASSY1 (ATI P/N 80200372A0)	ASSY2, ASSY3
DVI VGA VIVO	ASSY3 (ATI P/N 80200377B0)	
DVI VGA TVO		ASSY1, ASSY2

NOTE:

1 - Other components are to be installed.

2 - Components marked as DNI should not be installed. They should only be installed if default board settings are to be changed in which case other components may have to be adjusted accordingly.

<Variant Name>

ATI

Title

Size

B

Date:

RH PCIE RV570 512M 136b DDR3 DDVI DDVI VIVO CF

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0

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Canada, L3T 7X6

(905) 882-2600

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