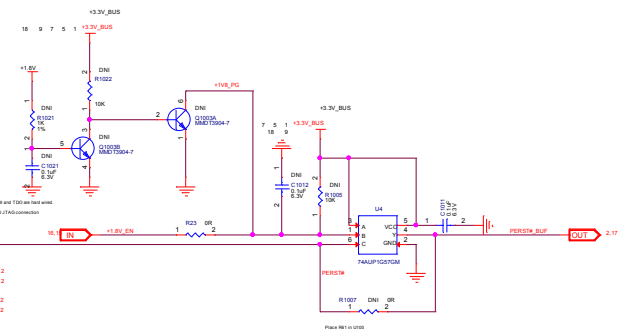
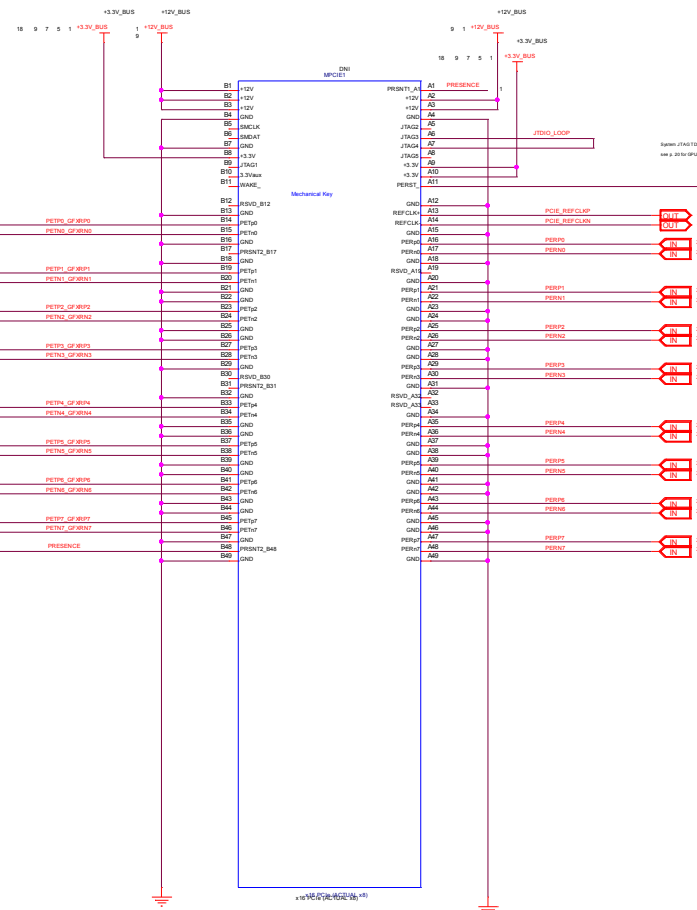
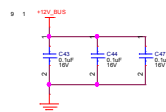
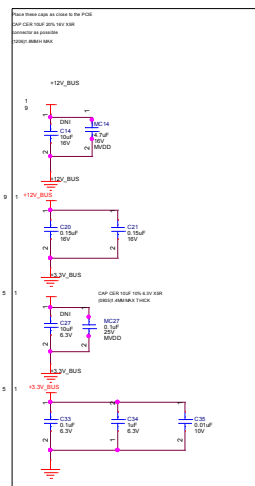
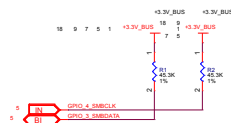


PCI-EXPRESS EDGE CONNECTOR



SYMBOL LEGEND	
DN1	DO NOT INSTALL
#	ACTIVE LOW
	DIGITAL GROUND
	ANALOG GROUND
END	ENDING UP ONLY

AMD - PLATFORM HARDWARE ENG
#46, No.1387, ZHANGDONG ROAD
SHANGHAI, CHINA 201203

SHEET: PCIe Edge Connector

DATE: Wed Aug 29 03:27:33 2018

REV: P00

SHEET NUMBER: 1 OF 20

DOCUMENT NUMBER: 105_d12900_00A

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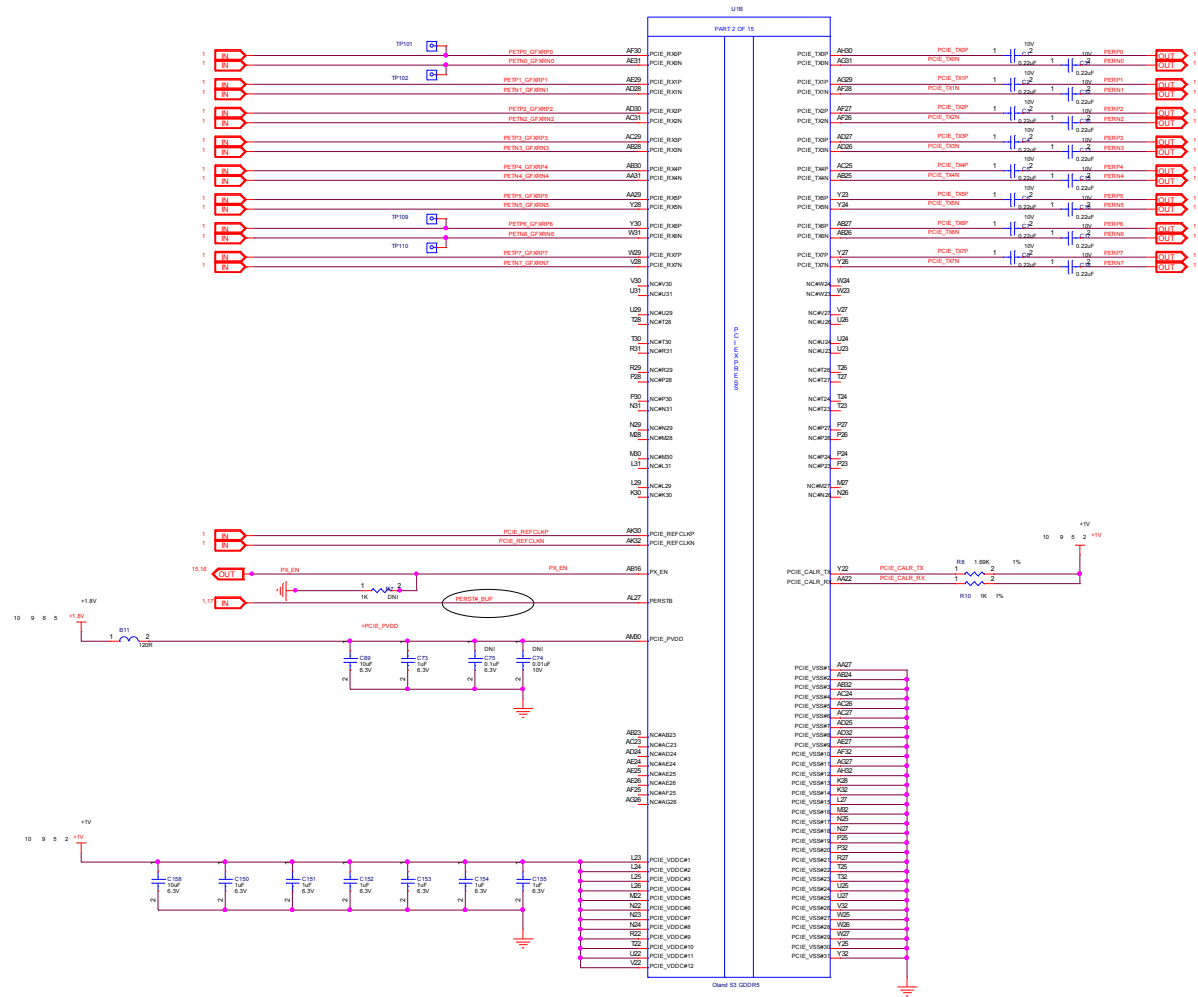
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TITLE: _____

XXX

OLAND PCIe Interface

NOTE: Some of the PCIe waypoints will
be available through vias on traces.



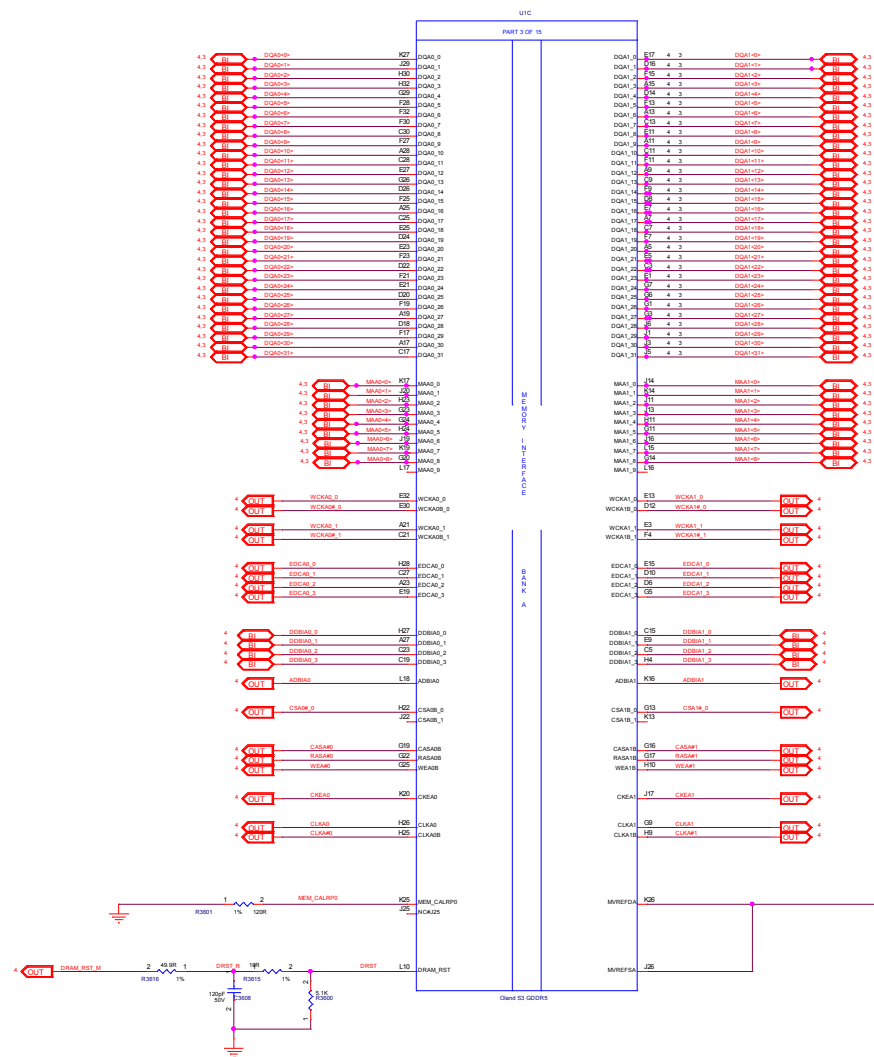
AMD - PLATFORM HARDWARE ENG
#46, No.1387, ZHANGDONG ROAD
SHANGHAI, CHINA 201203

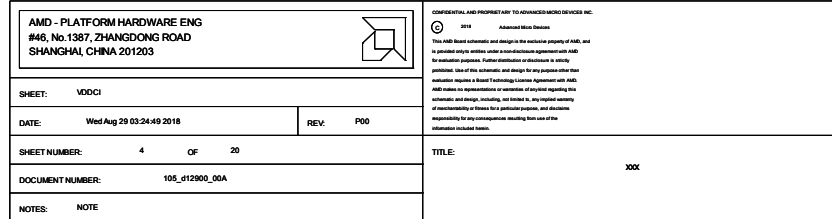


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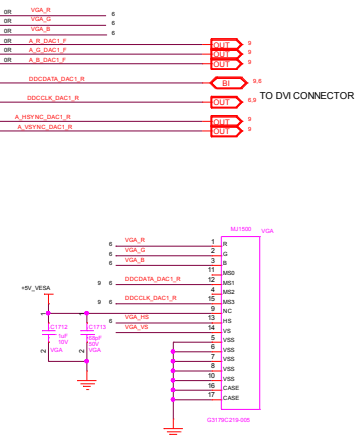
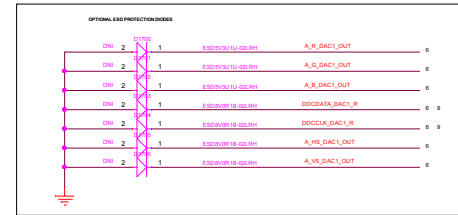
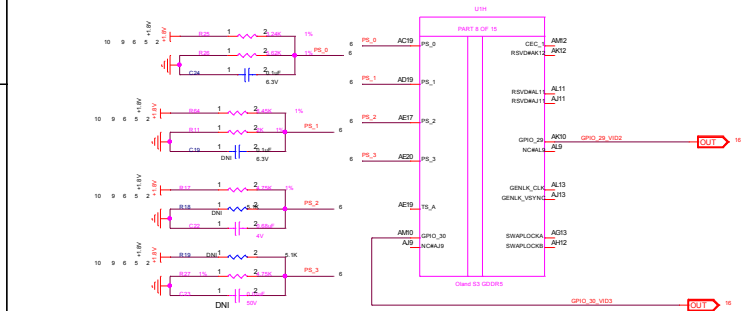
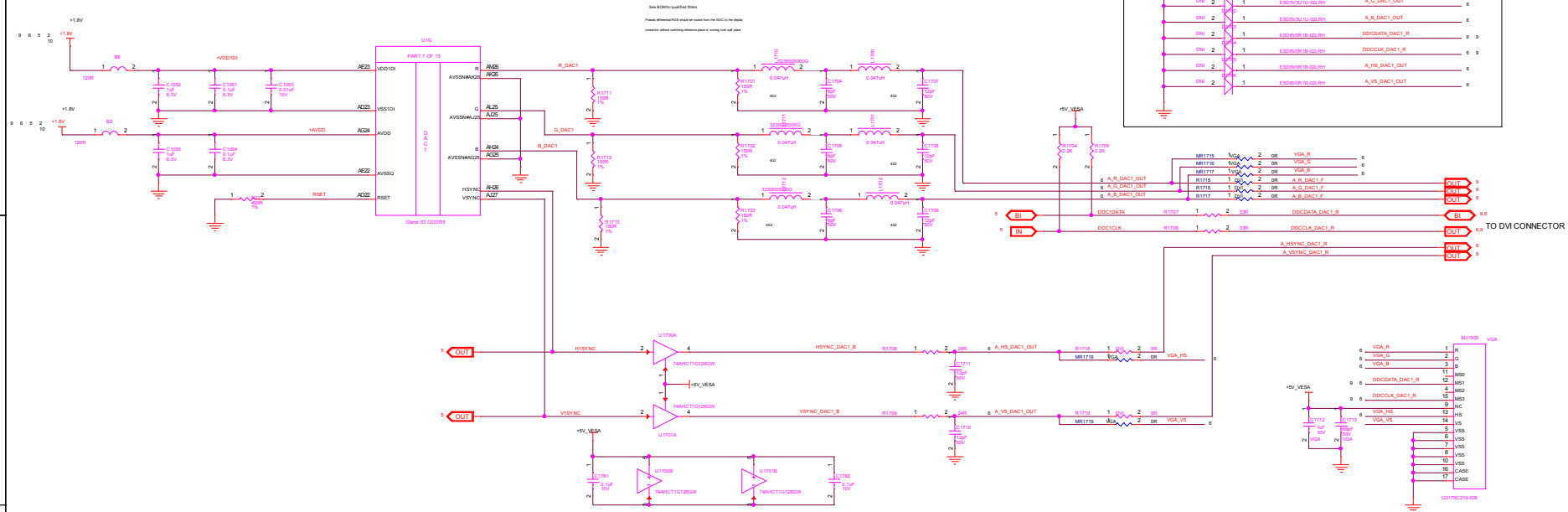
SHEET: Oland PCIe0 Interface		REV: P00
DATE: Thu Jan 05 05:41:57 2017		
SHEET NUMBER: 2	OF	20
DOCUMENT NUMBER: 105_412800_00A		

TITLE: XXX





Oland DAC1

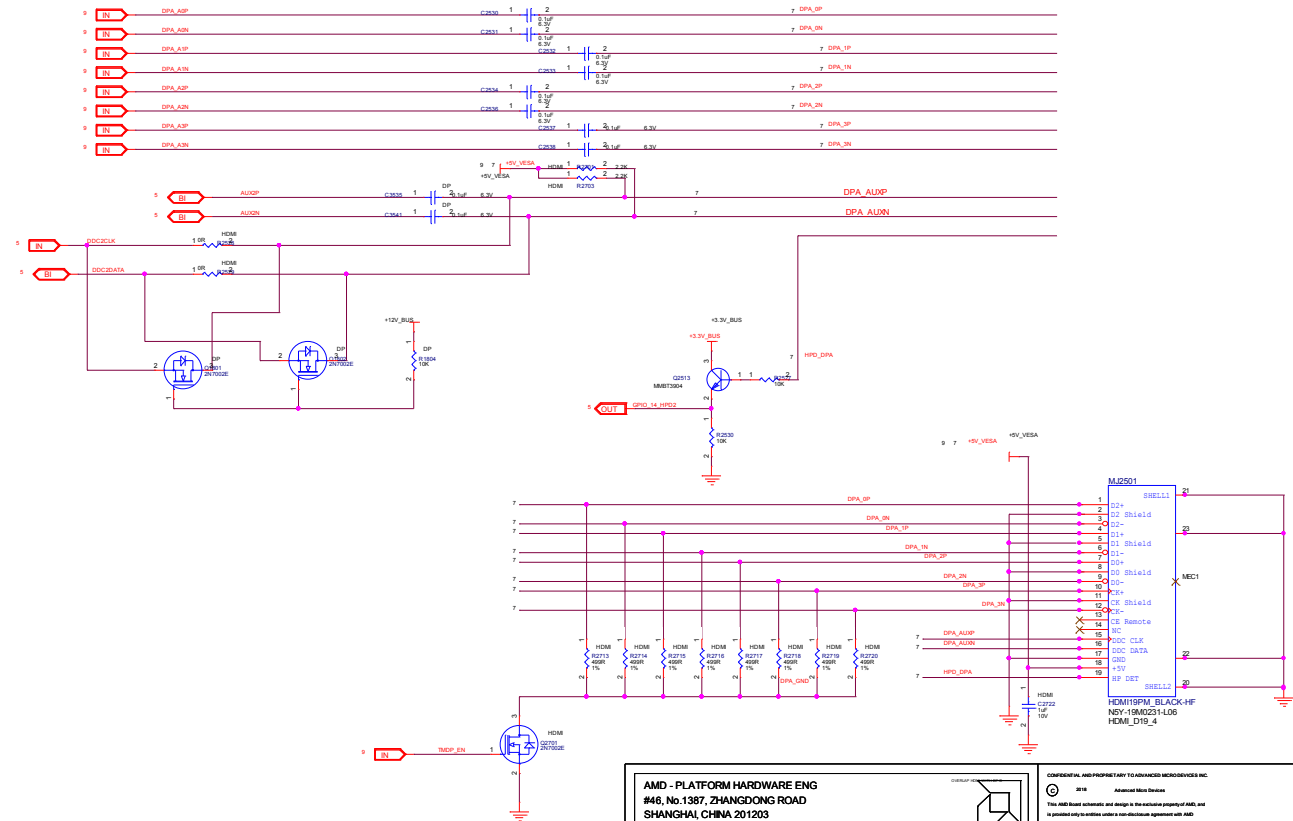
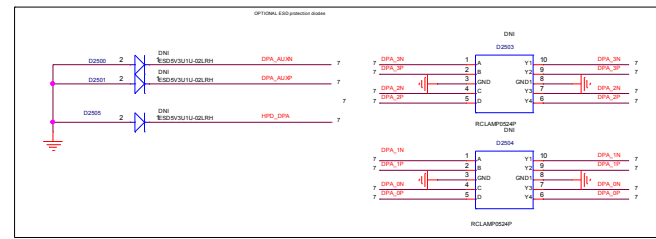


AMD - PLATFORM HARDWARE ENG #46, No.1387, ZHANGDONG ROAD SHANGHAI, CHINA 201203			
SHEET: Oland DAC		REV: P00	
DATE: Thu Jan 05 05:41:56 2017		REV: P00	
SHEET NUMBER: 6 OF 20		TITLE: XXX	
DOCUMENT NUMBER: 105_d12900_00A			

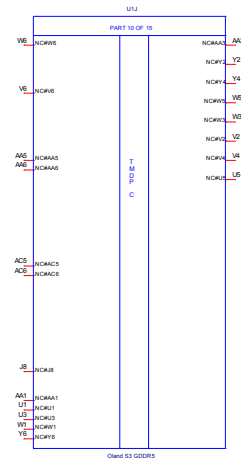
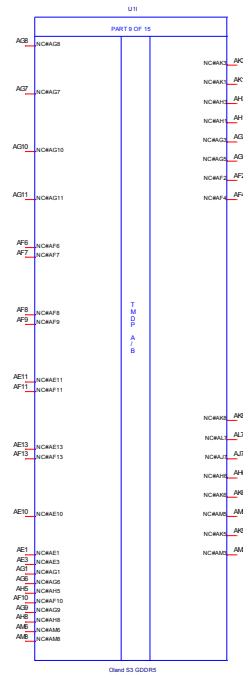
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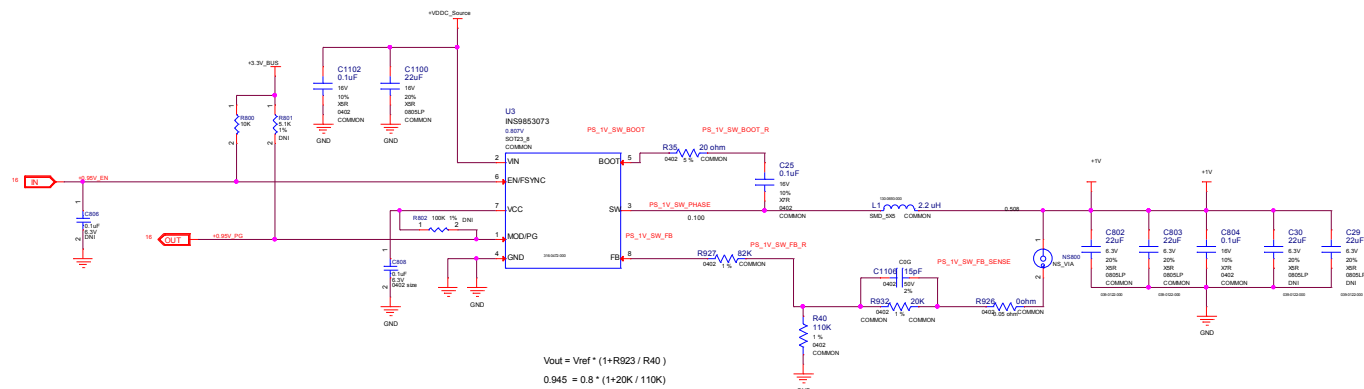


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SHEET: Grand HDMI0P		FIGURE 1 	
DATE: Thu Jan 05 05:41:56 2017	REV: P00	TITLE: XXX	
SHEET NUMBER: 7 OF 20			
DOCUMENT NUMBER: 105_012900_00A			



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SHEET: Grand Unwired Modules	DATE: Wed Aug 29 03:24:48 2018	
SHEET NUMBER: 8 OF 20	REV: P00	
DOCUMENT NUMBER: 105_612900_00A	TITLE: XXX	
NOTES: NOTE		

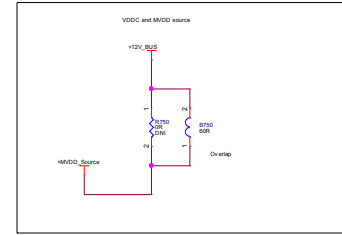
LD0 #1:	$V_{in} = +1.9V \pm 2\%$	$V_{out} = +0.95V \pm 2\%$	$I_{out} = 1.44A (T_{BV})_{RMS\ MAX}$
PCB: 90 to 70mm sq. copper area for cooling			


$$V_{out} = V_{ref} * (1 + R_{923} / R_{40})$$
$$0.945 = 0.8 * (1 + 20K / 110K)$$

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SHEET: V00CI			
DATE: Wed Aug 29 03:24:49 2018	REV: P00		
SHEET NUMBER: 11 OF 20			
DOCUMENT NUMBER: 105_012900_00A	TITLE: XXX		
NOTES: NOTE			

Regulator for MVD0

Use +VDDC_Source to share L601 to eliminate PCB's 12V current slew rate over spec (max) 1A/us
+MVD0_Source



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SHEET: MVD0		
DATE: Wed Aug 29 03:24:48 2018	REV: P00	
SHEET NUMBER: 12 OF 20		TITLE:
DOCUMENT NUMBER: 105_d12900_00A		XXX

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Regulator for MIDD

Use rVDDC_Source to share L801 to eliminate PCIe 12V current slew rate over spec issue(0.1A/us)
rVDDC_Source

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SHANGHAI, CHINA 201203



SHEET: VDDCI

DATE: Wed Aug 29 03:24:49 2018REV: P00

SHEET NUMBER: 13 OF 20

DOCUMENT NUMBER: 105_012900_00A

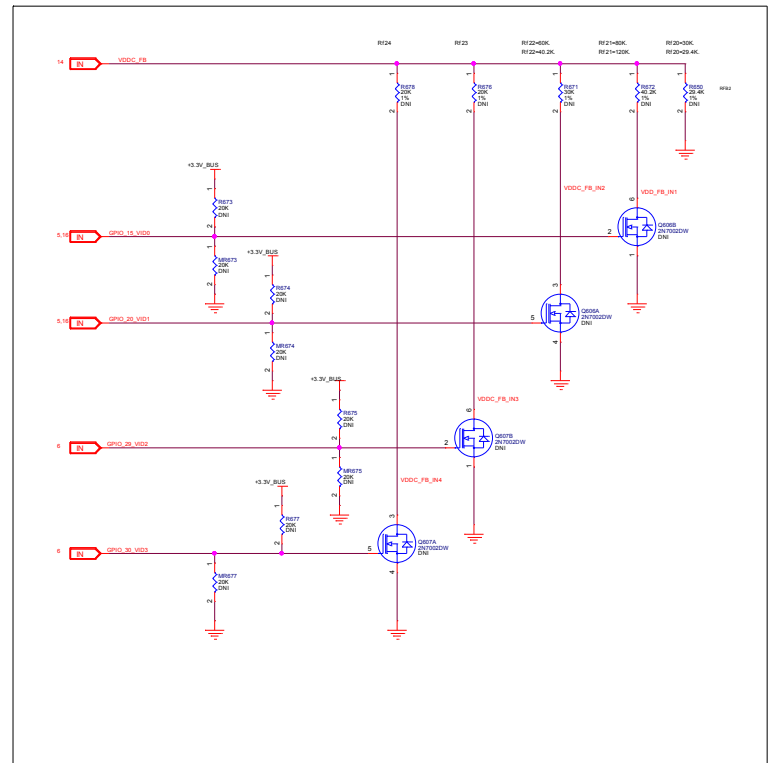
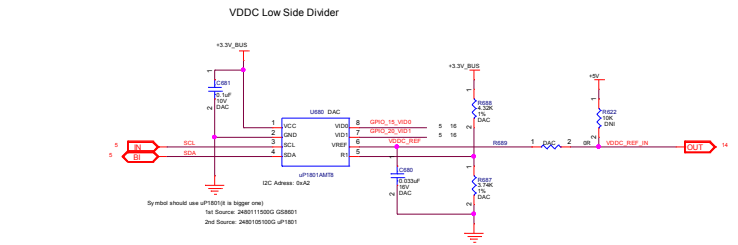
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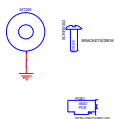
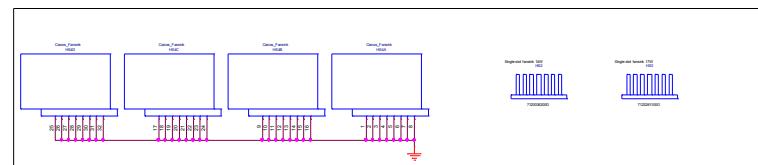
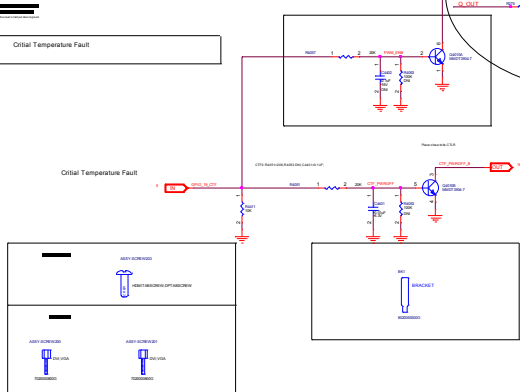
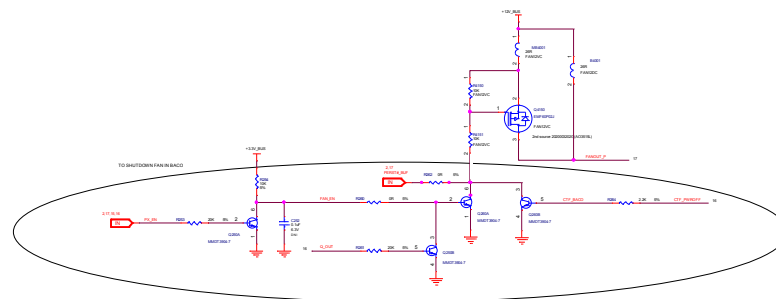
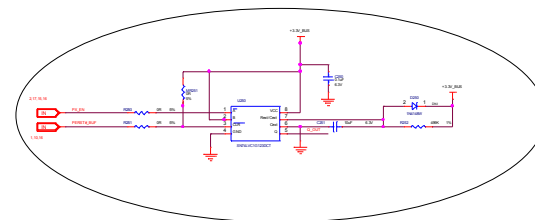
XXX

Don't support BACO
Support CTF(Internal)

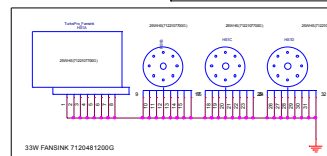


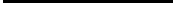
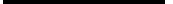
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SHEET: WDCI		REV: P00		TITLE:	
DATE: Wed Aug 29 03:24:49 2018				XXX	
SHEET NUMBER: 16 OF 20					
DOCUMENT NUMBER: 105_#12900_00A					
NOTES: NOTE					

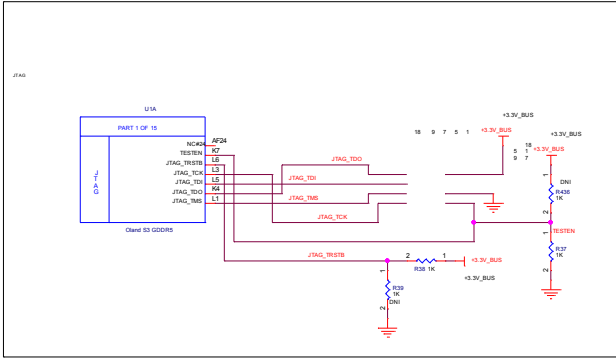
Pinout diagram for the Fan Control module. The diagram shows a 4-pin connector with pins labeled 12V, GND, FANOUT_P, and FANOUT_N. A 4-pin header is shown with pins 1, 2, 3, and 4. A box labeled 'Fan Control' is connected to the header. A note at the bottom states: 'This module is not a certified product for the fan. (www.fanout.com) - not a certified product for the fan.'



Bracket, VGA, HDMI, DVI	8000050200G
Bracket, VGA, DP(16), DVI	8000050240G
Bracket, LP, DP(16), DVI	8000050300G
Bracket, LP, HDMI, DVI	8000050340G



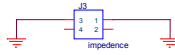
AMD - PLATFORM HARDWARE ENG #60, No.1367, ZHANGJIE ROAD SHANGHAI, CHINA 201203			
SHEET: VEDCO		004                                             	
DATE: Wed Aug 30 02:48:2018	REV: 000	TITLE: XXX	
SHEET NUMBER: 07 OF 20		TITLE: XXX	
DOCUMENT NUMBER: HW_P000_00A		TITLE: XXX	
NOTES: NONE		TITLE: XXX	



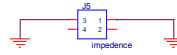
TOP
Single end
Memory data
45 ohm +/- 5 ohm
5.12 mils



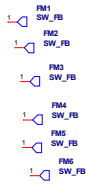
Bottom
Single end
Address trunk
45 ohm +/- 5 ohm
5.12 mils



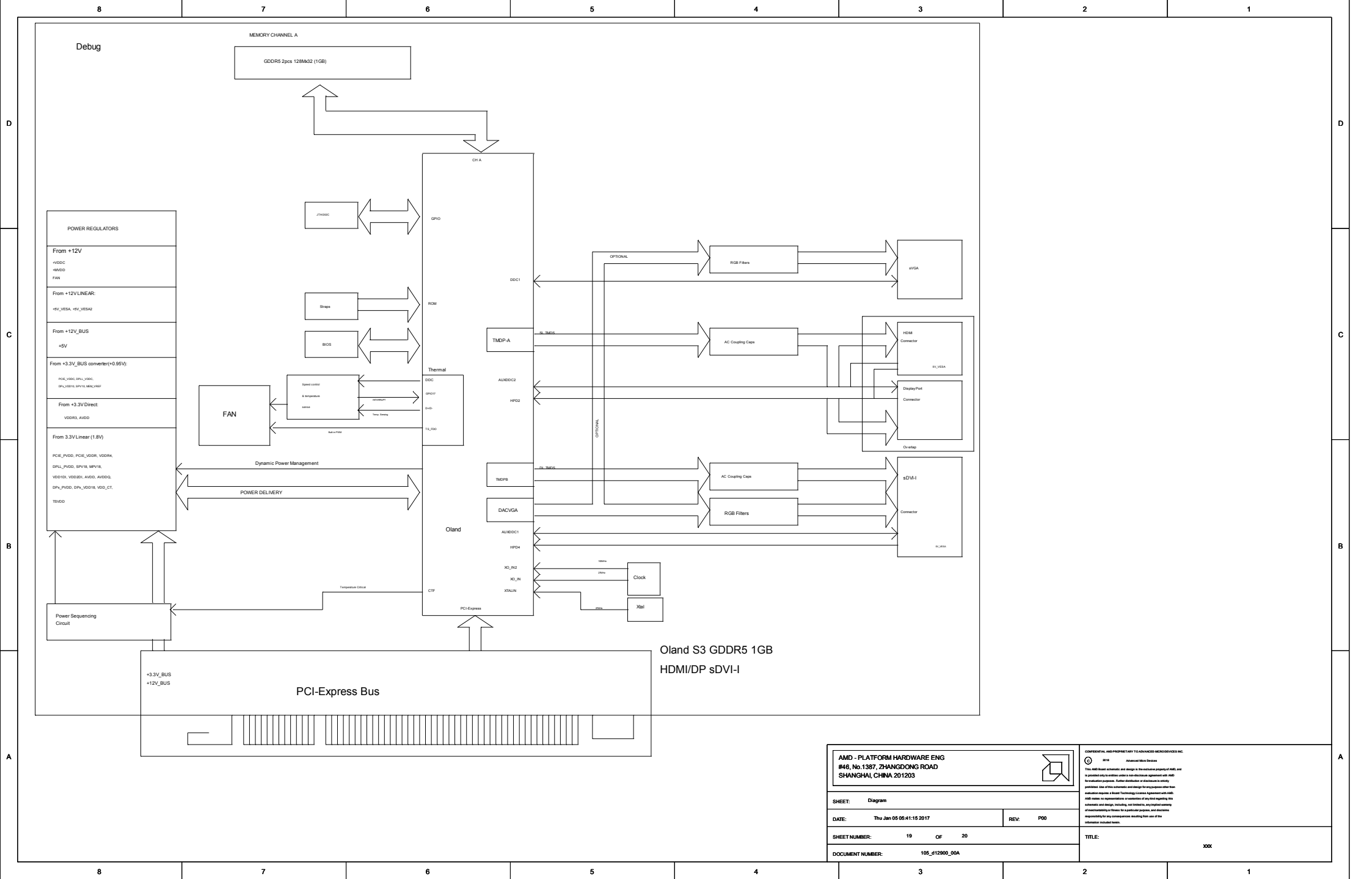
TOP
Different
TMDs
85 ohm +/- 10 %
4.33 mils / 5.51 mils



Bottom
Different
PEX_PCIE
85 ohm +/- 10 %
4.33 mils / 5.51 mils



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SHEET: Debug		REV: P00		TITLE: XXX	
DATE: Thu Jan 05 05:41:58 2017					
SHEET NUMBER: 18 OF 20					
DOCUMENT NUMBER: 105_d12900_00A					



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SHEET: Diagram		DATE: Thu Jan 05 05:41:15 2017		REV: P00	
SHEET NUMBER: 19 OF 20		DOCUMENT NUMBER: 105_d12900_00A		TITLE: XXX	

