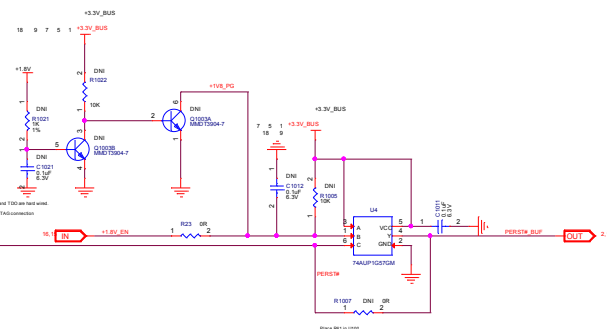
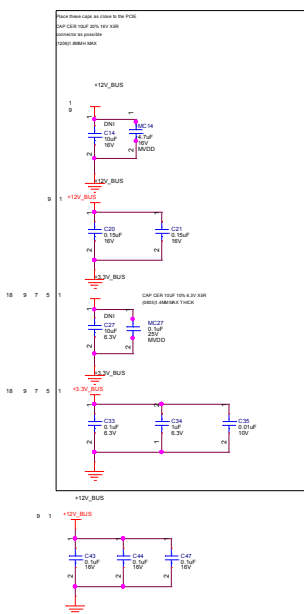
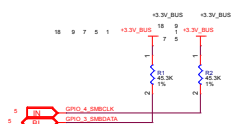


PCI-EXPRESS EDGE CONNECTOR



SYMBOL LEGEND	
DN1	DO NOT INSTALL
#	ACTIVE LOW
	DIGITAL GROUND
	ANALOG GROUND
BUO	BRING UP ONLY

AMD - PLATFORM HARDWARE ENG
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SHEET: **PCI-E Edge Connector**

DATE: Wed Aug 29 03:27:33 2018

REV: P00

SHEET NUMBER: 1 OF 2

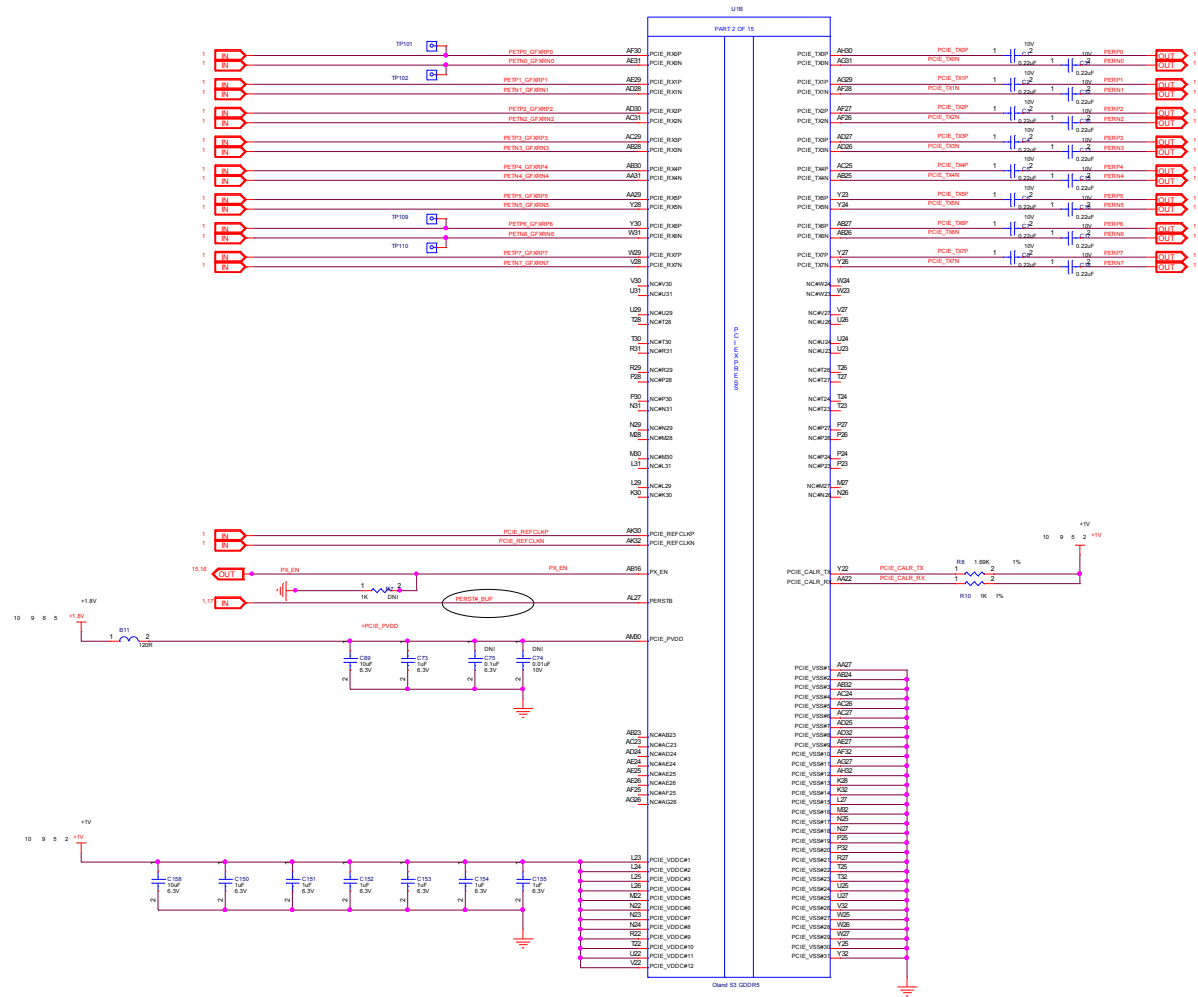
DOCUMENT NUMBER: 105_d12900_00A

TITLE:

xxx

OLAND PCIe Interface

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

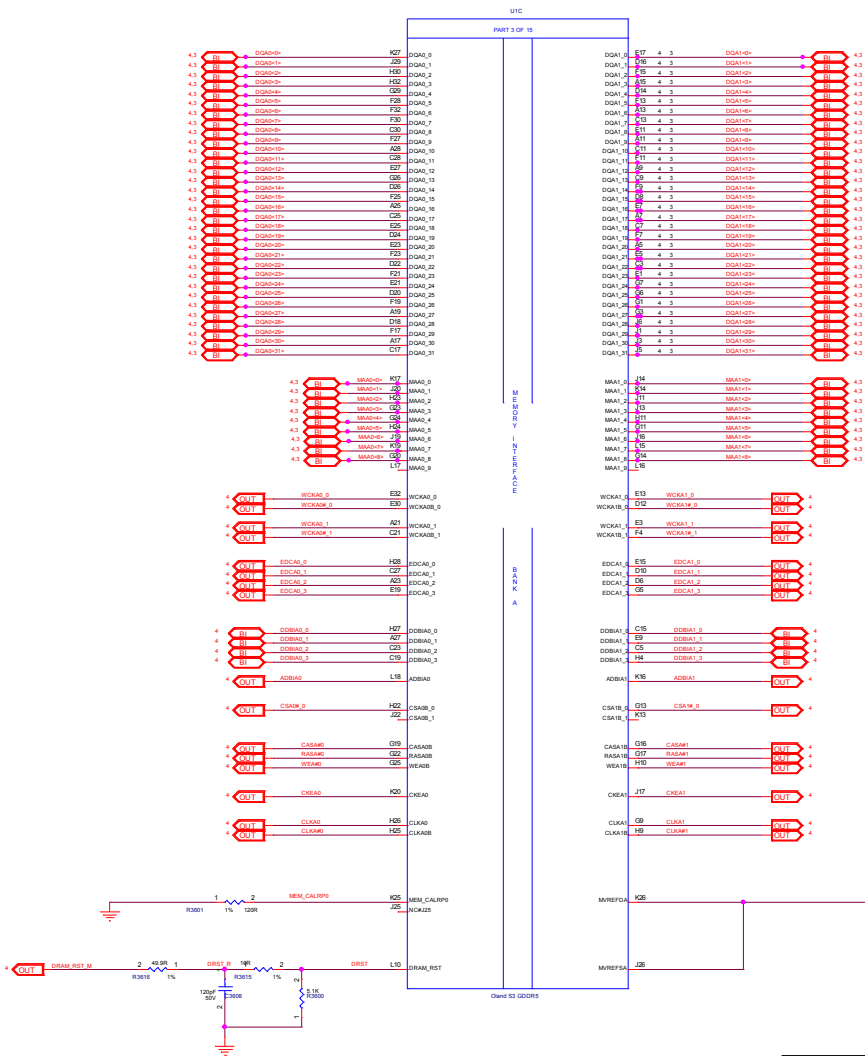


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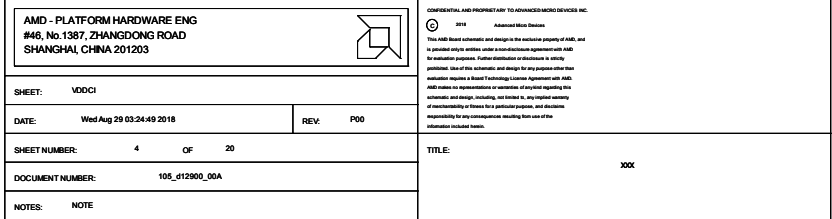
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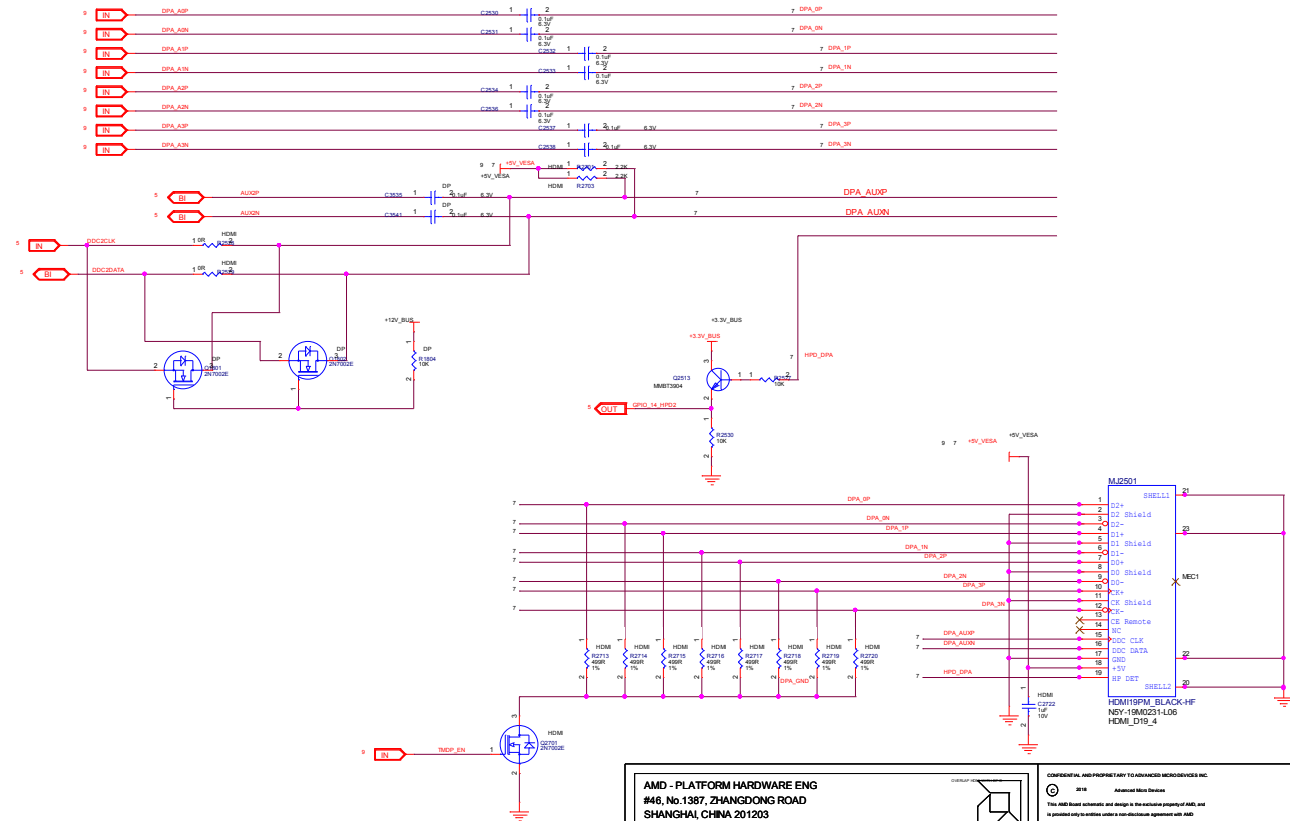
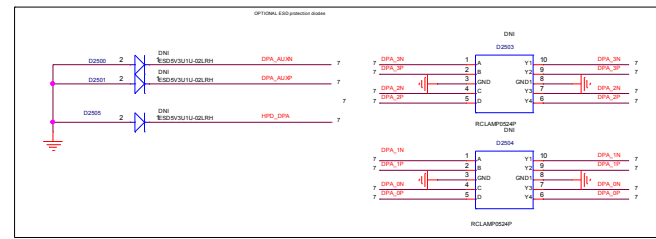
SHEET: Oland PCIe#8 Interface		REV: P00
DATE: Thu Jan 05 05:41:57 2017		
SHEET NUMBER: 2	OF 20	
DOCUMENT NUMBER: 105_412800_00A		

TITLE: XXX

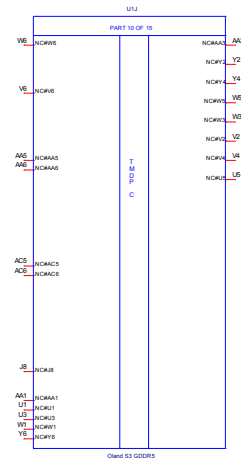
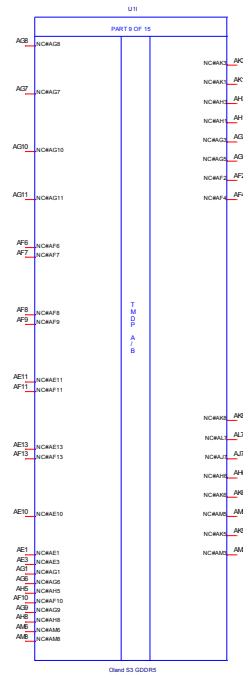


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SHEET: VDDCI		REV: P00		TITLE:	
DATE: Wed Aug 29 03:24:49 2018				XXX	
SHEET NUMBER: 3		OF 20			
DOCUMENT NUMBER: 105_012900_00A					
NOTES: NOTE					

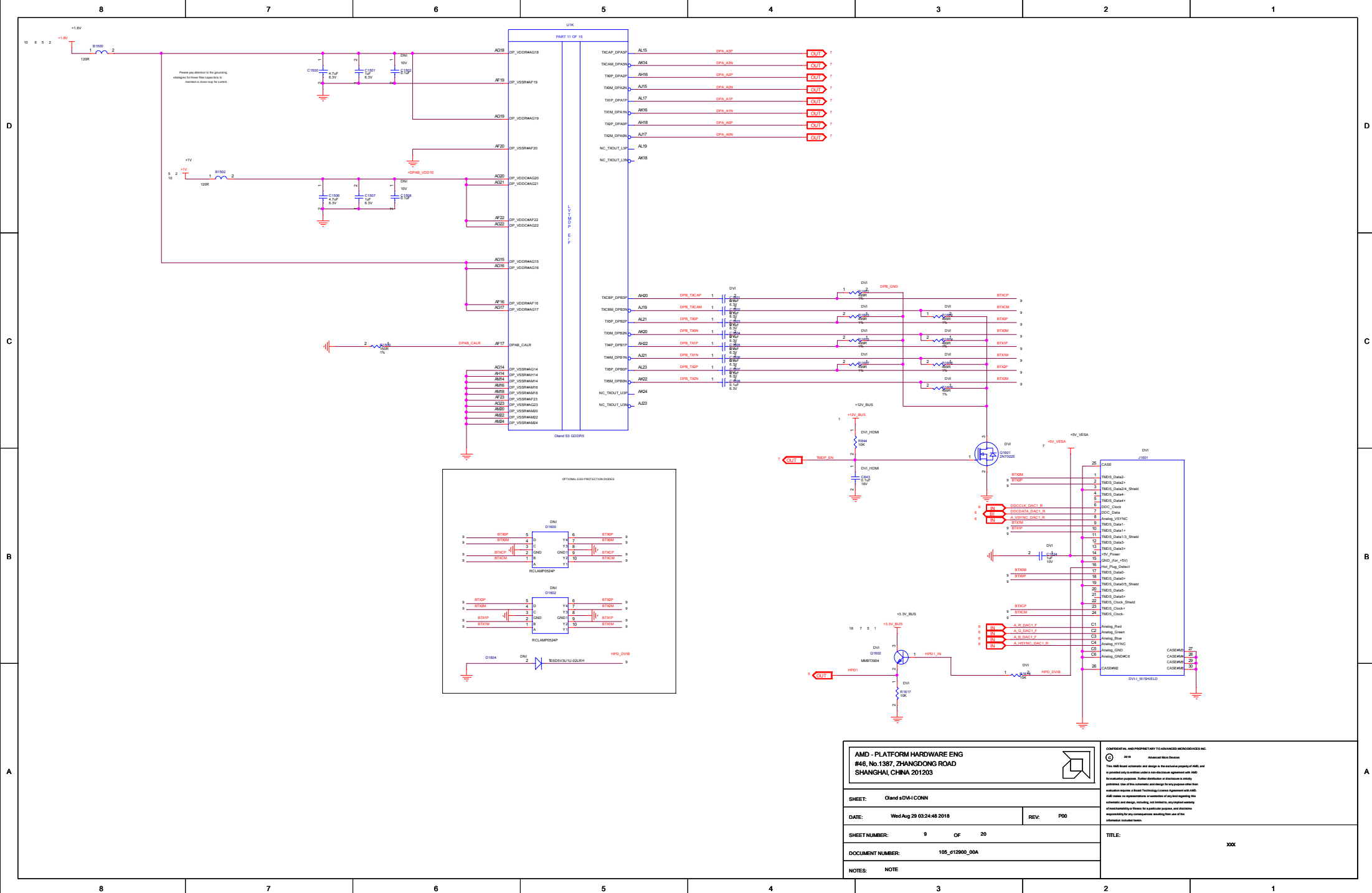




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SHEET: Grand HDMOP		TITLE:	
DATE: Thu Jan 05 05:41:56 2017		XXX	
SHEET NUMBER: 7 OF 20		XXX	
DOCUMENT NUMBER: 106_i21900_00A		XXX	

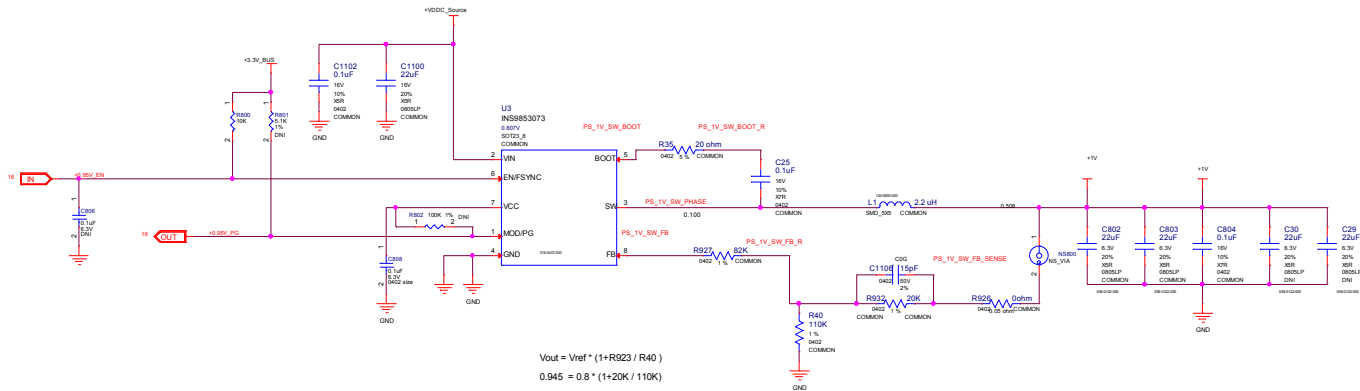


AMD - PLATFORM HARDWARE ENG #46, No.1387, ZHANGDONG ROAD SHANGHAI, CHINA 201203 SHEET: Grand Unseal Modules REV: P00 DATE: Wed Aug 29 03:24:48 2018 REV: P00 SHEET NUMBER: 8 OF 20 TITLE: XXX DOCUMENT NUMBER: 105_612900_00A TITLE: XXX NOTES: NOTE TITLE: XXX		CONFIDENTIAL AND PROPRIETARY TO ADVANCED MICRODEVICES INC. © 2018 Advanced Micro Devices This high-level schematic and design is the exclusive property of AMD, and is provided only to you under a non-disclosure agreement with AMD for evaluation purposes. Further distribution or disclosure is strictly prohibited. Use of this schematic and design for any purpose other than evaluation requires a Broad Technology License Agreement with AMD, which results in registration or ownership of any third-party IP, schematics and design, including, but not limited to, any copyrightable functionality or features for a particular product, and assumes responsibility for any consequences resulting from use of this information without limits.
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LDO #1: Vin = +1.5V +/-2% Vout = +0.95V +/-2% Iout = 1.44A (TYP)RMS MAX

PCB: 50 to 70mm sq. copper area for cooling

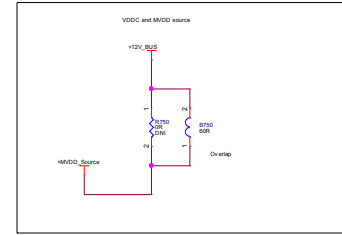


AMD - PLATFORM HARDWARE ENG #646, No.1367, ZHANGDONG ROAD SHANGHAI, CHINA 201203	
SHEET: VDDCI	
DATE: Wed Aug 29 03:24:49 2018	REV: P00
SHEET NUMBER: 11	OF 20
DOCUMENT NUMBER: 105_012900_00A	
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TITLE: XXX	

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

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Regulator for MIO0

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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#46, No.1387, ZHANGDONG ROAD
SHANGHAI, CHINA 201203



SHEET: VDDCI

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

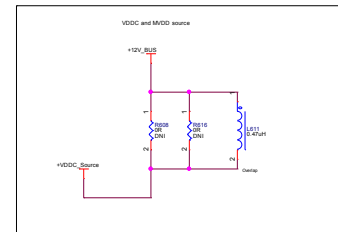
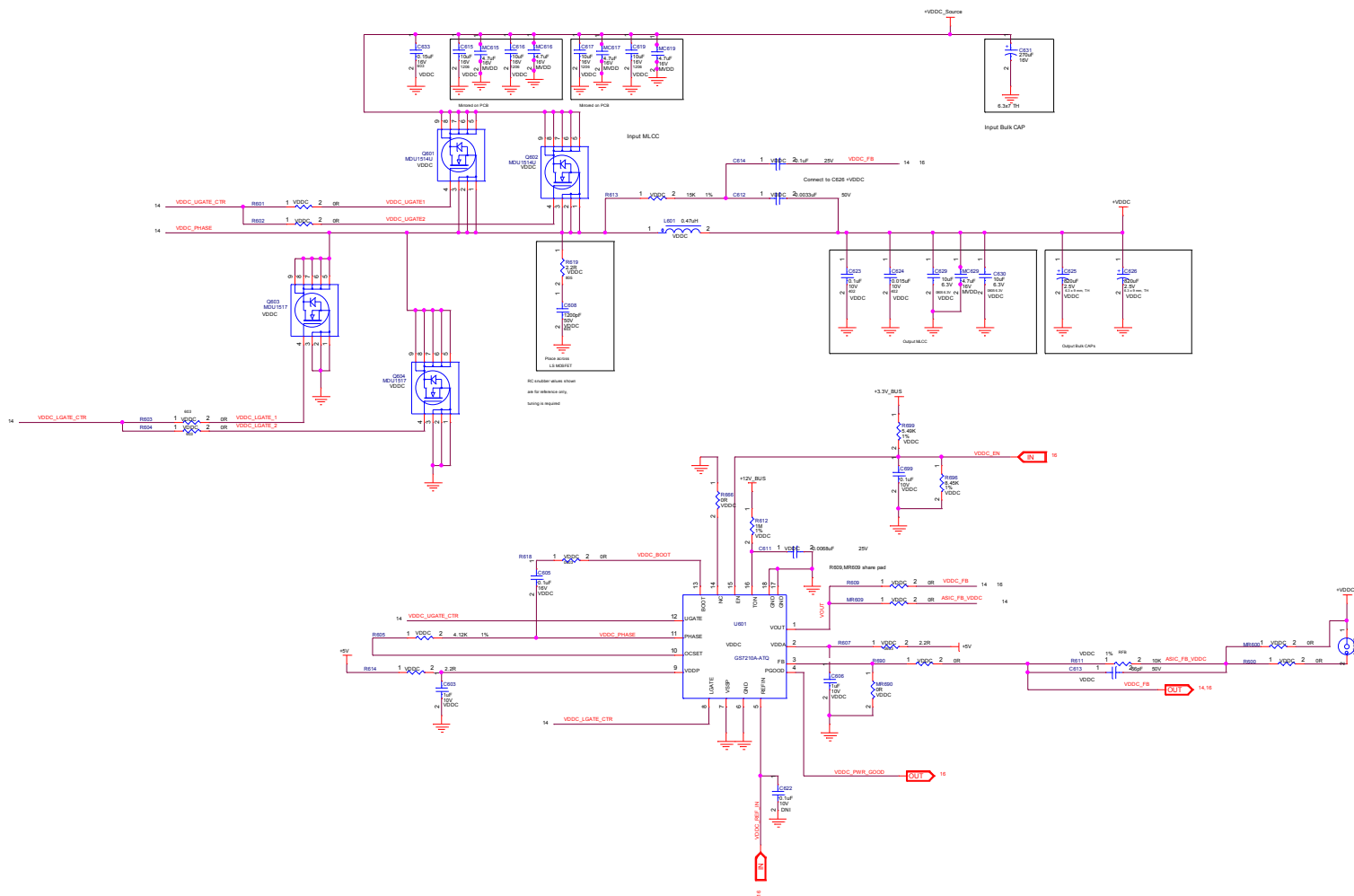
SHEET NUMBER: 13 OF 20

DOCUMENT NUMBER: 105_012900_00A

NOTES: NOTE

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TITLE: XXX

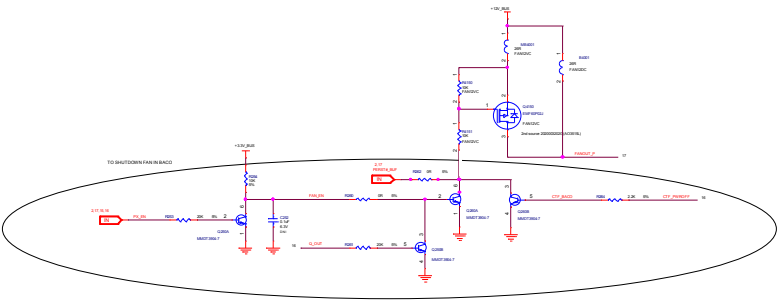
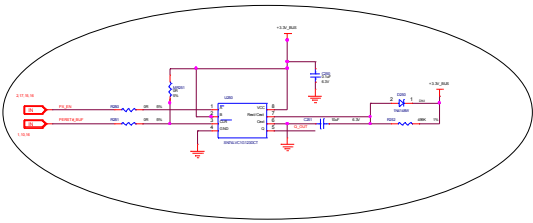
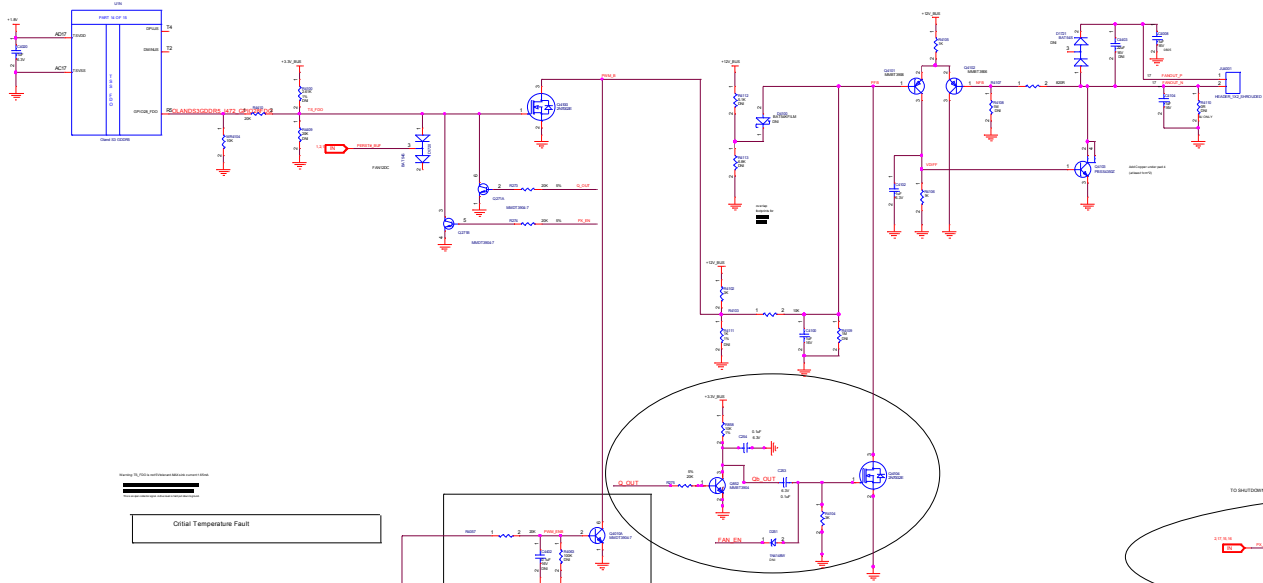


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SHEET: VDDC		DATE: Thu Jan 05 05:41:56 2017		REV: P00	
SHEET NUMBER: 14		OF 20		TITLE:	
DOCUMENT NUMBER: 105_d12900_00A				XXX	

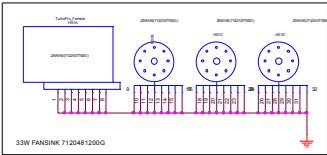
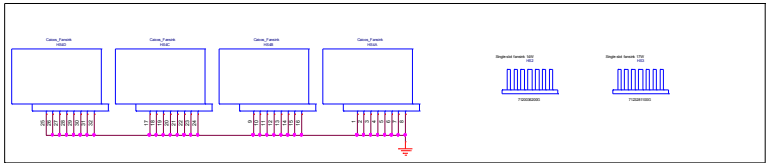
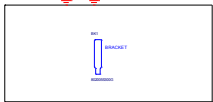
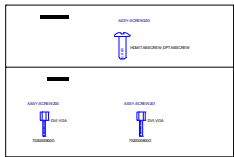
Initial PBD	OPN00000 Rev000 OPN00000 Rev000 For testing
Initial PBD (Initial PBD)	OPN00000 Rev000 OPN00000 Rev000 For testing



Mechanical and Thermal Management

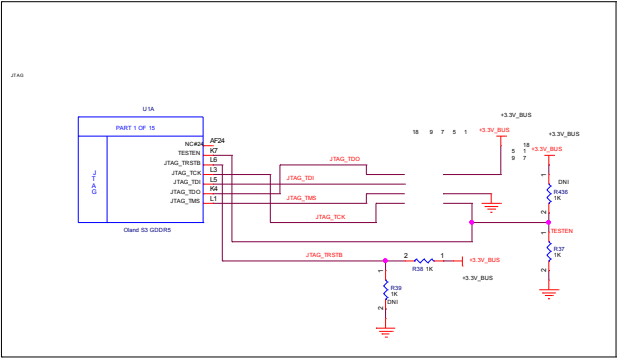


Critical Temperature Fault



Shanghai VCA Model D14	800000000
Shanghai VCA D14M1 D14	800000000
Shanghai VCA D14M1 D14	800000000
Shanghai VCA D14M1 D14	800000000

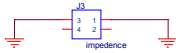
AMD PLATFORM HARDWARE DESIGN #46, No.1387, ZHANGDONG ROAD SHANGHAI, CHINA 201203		SHEET: V000	
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SHEET NUMBER: 17		OF 20	
DOCUMENT NUMBER: V000000000		TITLE: XXX XXX	
NOTE: NOTE			



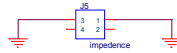
TOP
Single end
Memory data
45 ohm +/- 5 ohm
5.12 mils



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

