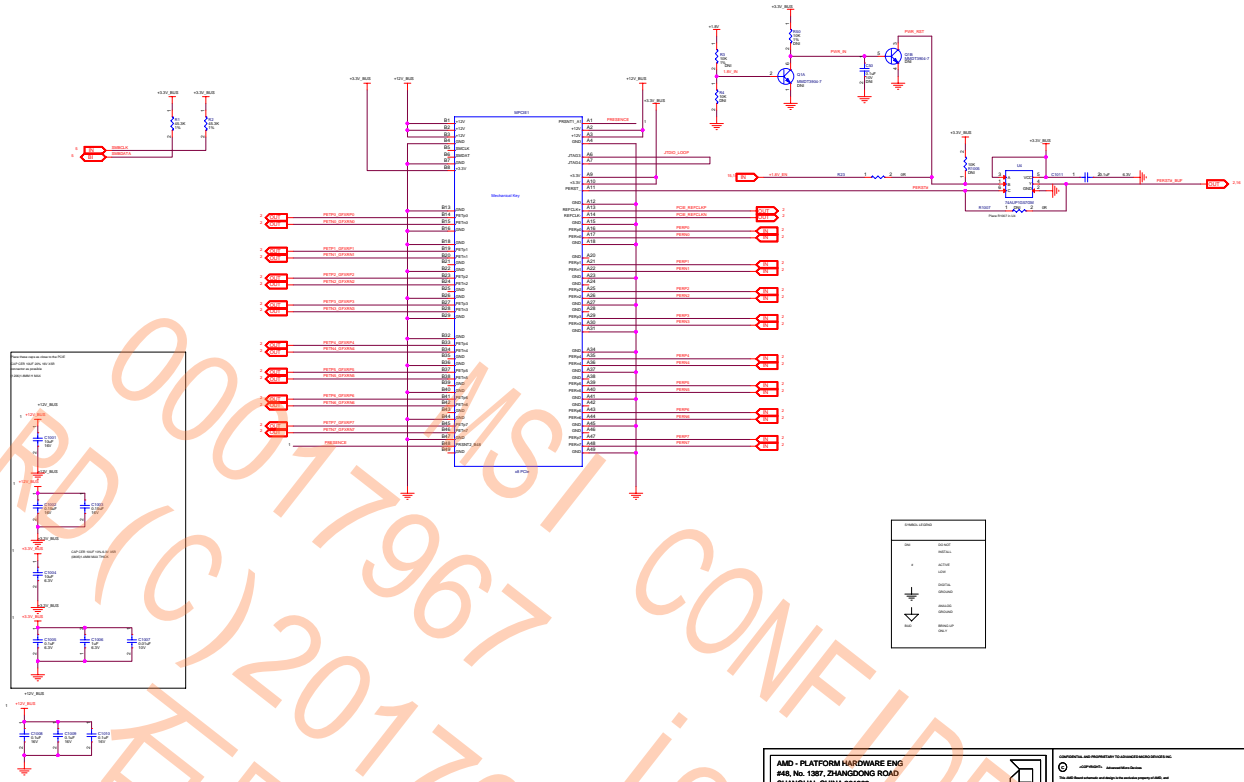


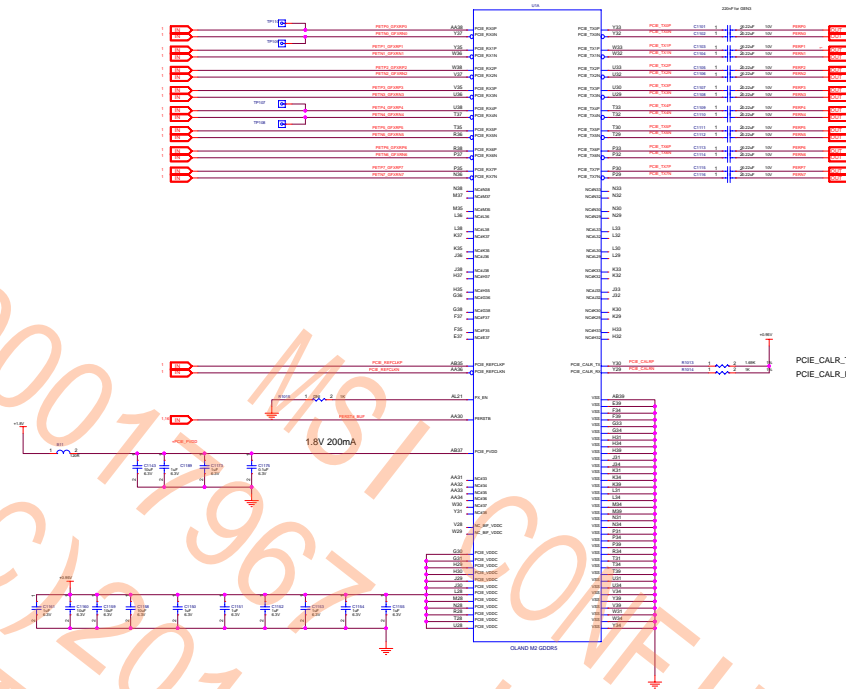
PCI-EXPRESS EDGE CONNECTOR



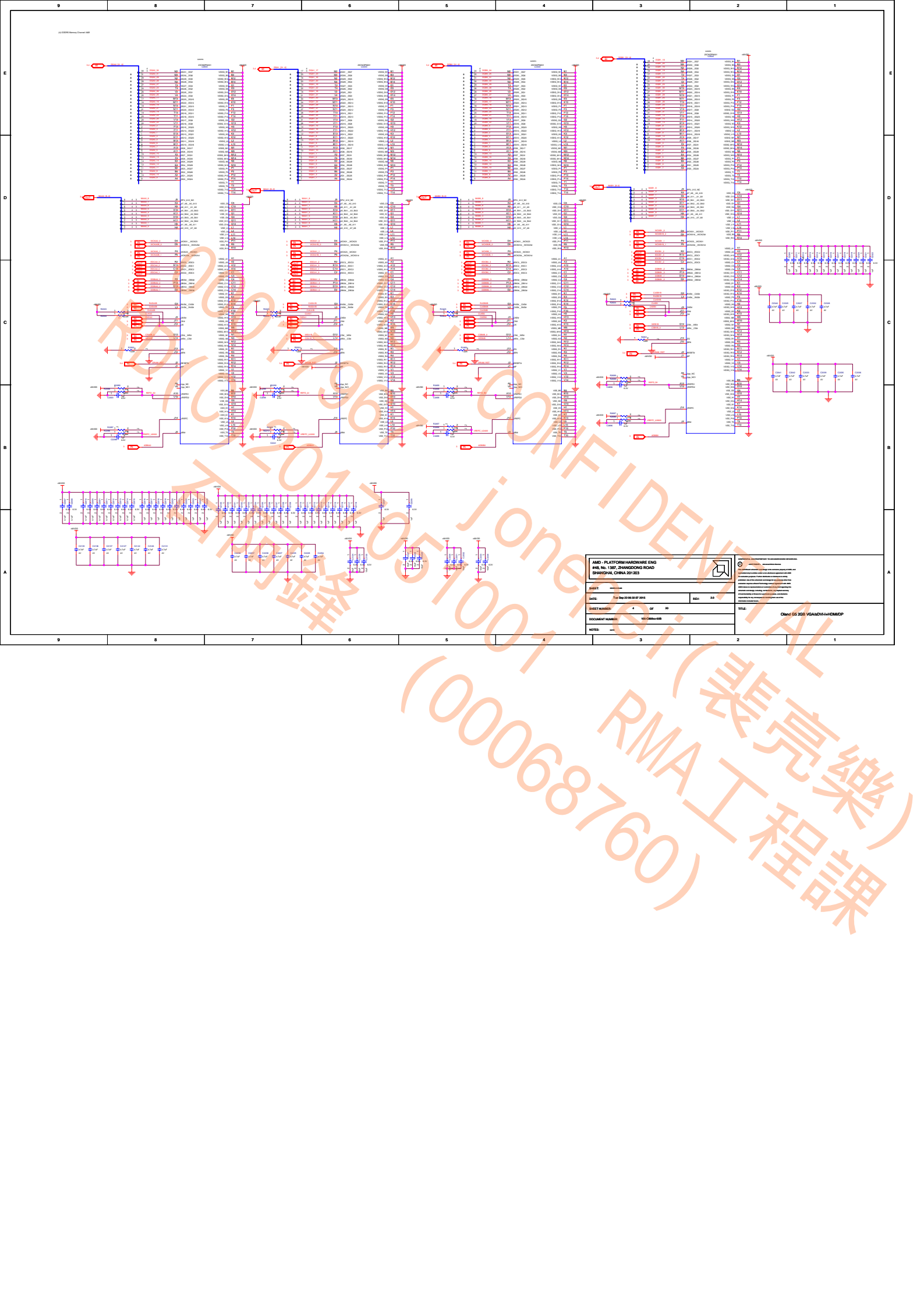
AMD - PLATFORM HARDWARE ENG #46, No. 1387, ZHANGDONG ROAD SHANGHAI, CHINA 201203		SHEET: PCI-E Edge Connector DATE: Tue Sep 22 08:34:19 2015 SHEET NUMBER: 1 OF 30 PROJECT NUMBER: 100-C8800-008		REV: 3.0 TITLE: Oland G5 2GB VGA/DVI+HDMI/DP	
-----------------------------------------------------------------------------------------------	--	-------------------------------------------------------------------------------------------------------------------------	--	-------------------------------------------------	--

Oland PCIe Interface

NOTE: Some of the PCIe signals will
be available through pins on boards.

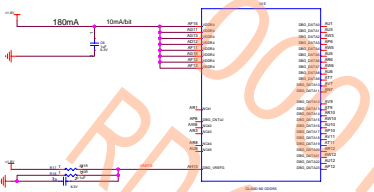
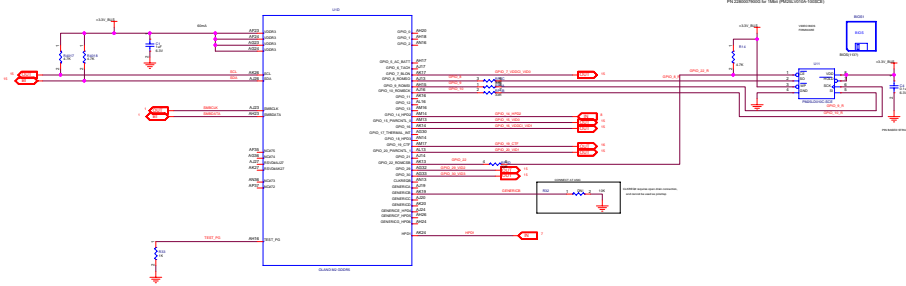


AMD, PLATFORM HARDWARE ENG 486, No. 1387, ZHANGDONG ROAD SHANGHAI, CHINA 201203		AMD, PLATFORM HARDWARE ENG 486, No. 1387, ZHANGDONG ROAD SHANGHAI, CHINA 201203	
SHEET: Oland PCIe Interface		REV: 3.0	
DATE: Mar Sep 21 10:05:43 2015		COP: 30	
SHEET NUMBER: 2		TITLE: Oland G5 20B VGANDV4+HDMIOP	
PCB/BOARD NUMBER: 100-00000-000			

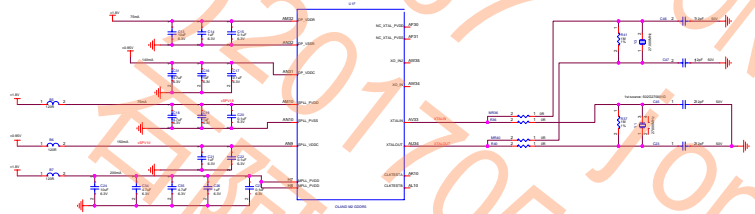


AMD - PLATFORM HARDWARE ENG			
486, No. 1387, ZHANGDONG ROAD			
SHANGHAI, CHINA 201203			
DESIGN	DATE	REV	BY
2012-05-01	2012-05-01	01	01
DOCUMENT NUMBER	4	01	01
NOTE			

TITLE	
Omd 05 2012 VGANDVA-HHOMCP	

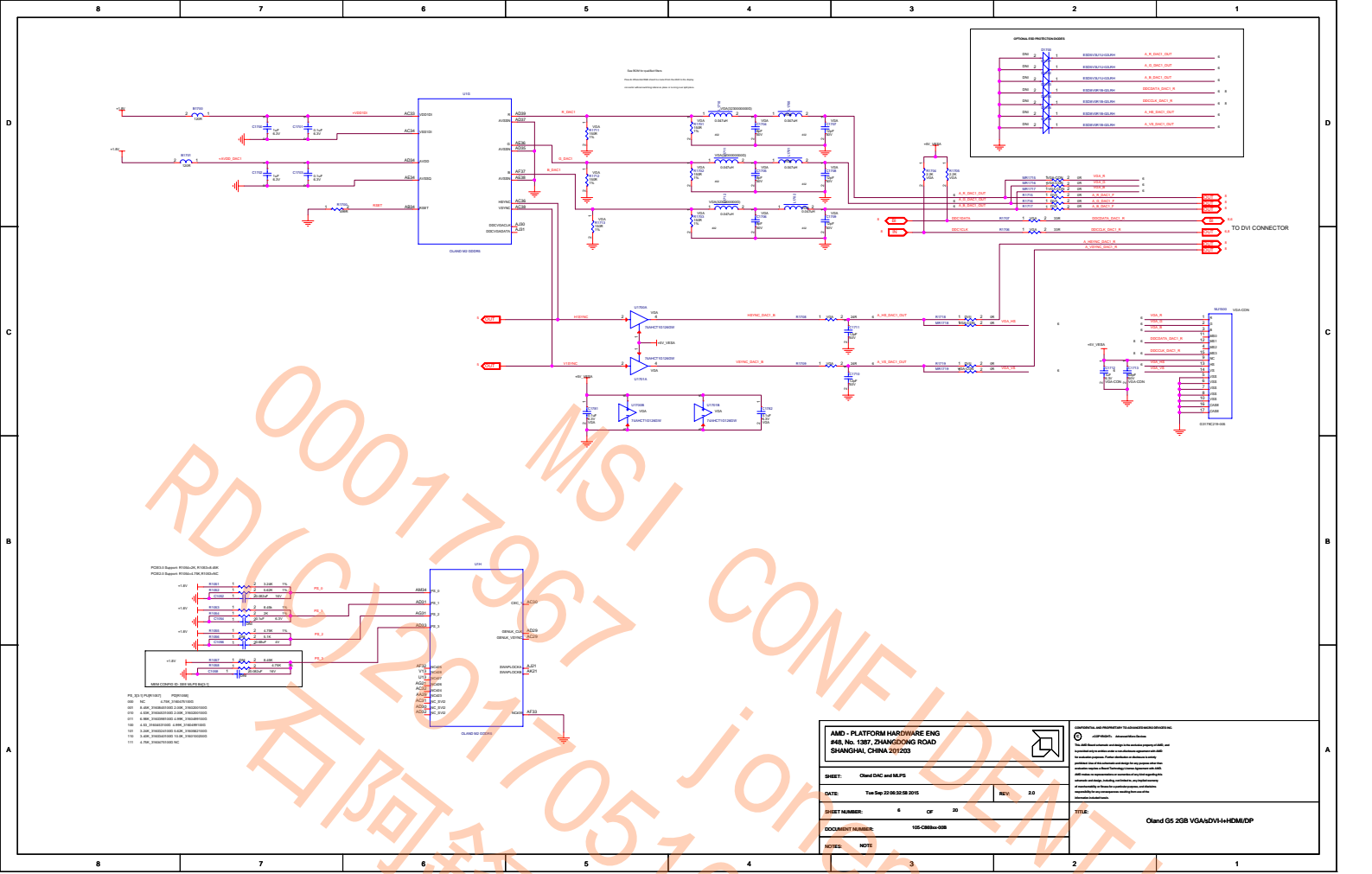


Please refer to the pin configuration of the IC and the pin configuration of the IC in the schematic diagram.

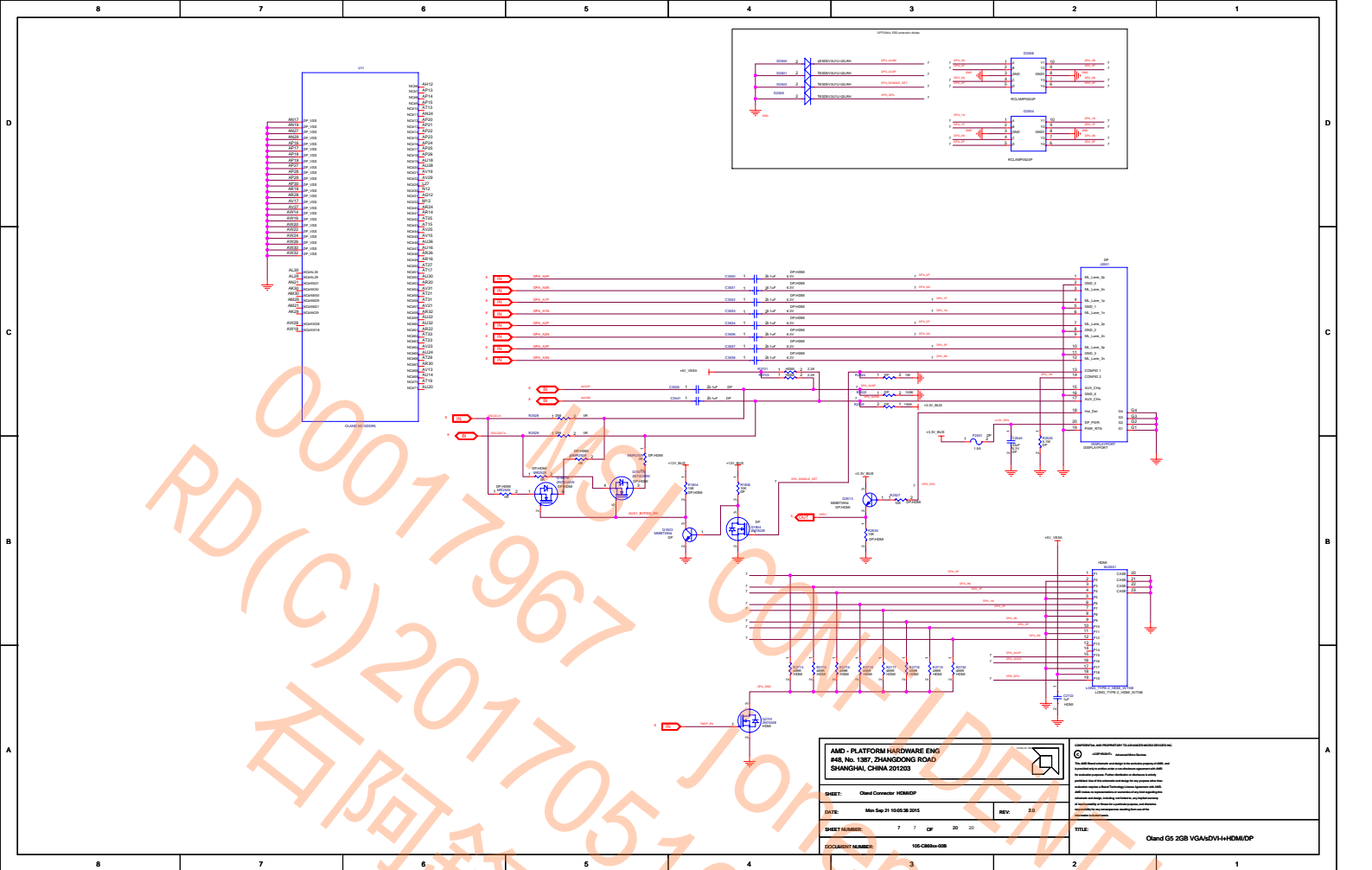


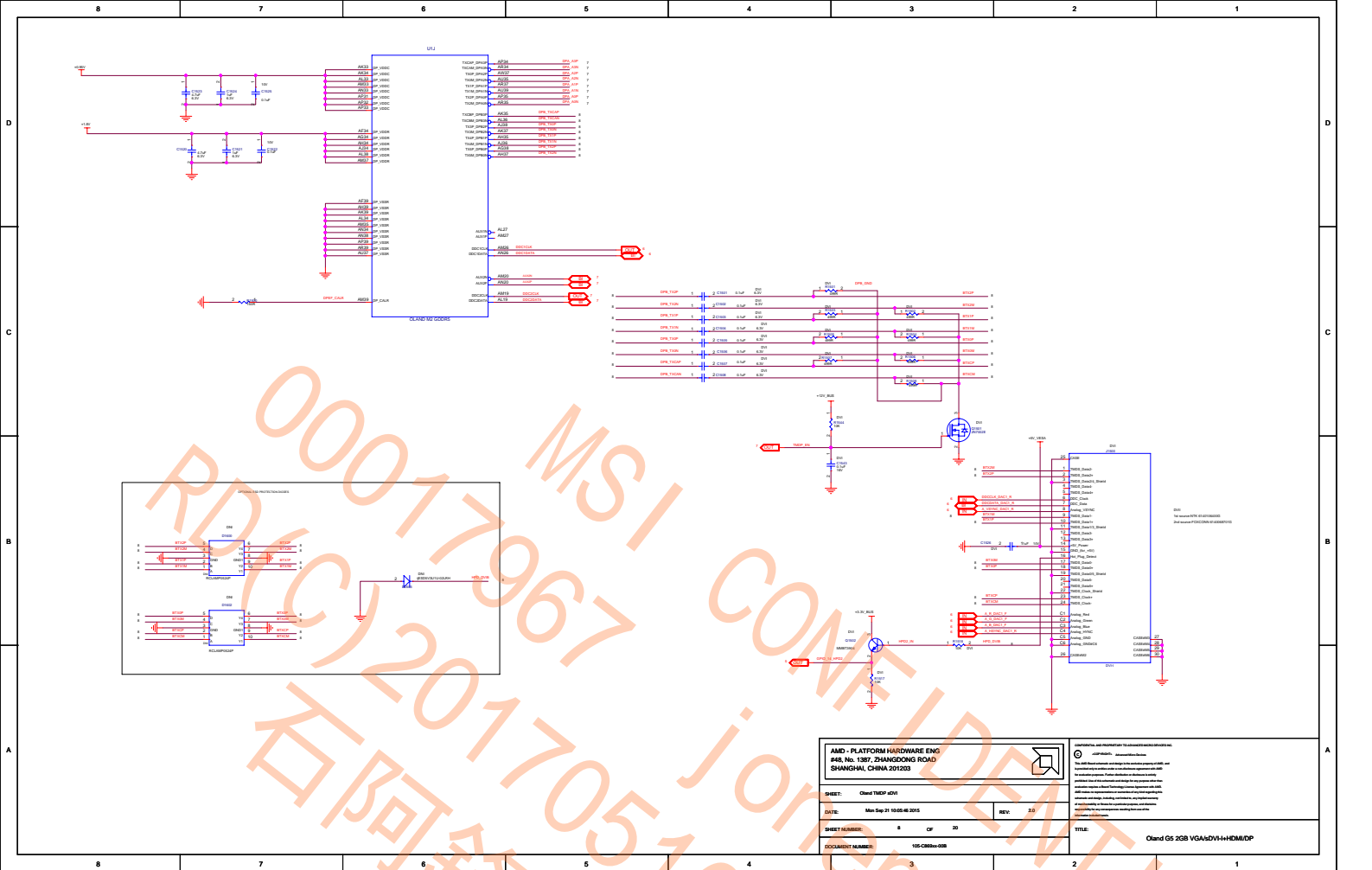
AMD - PLATFORM HARDWARE ENG #46, No. 1387, ZHANGDONG ROAD SHANGHAI, CHINA 201203	
DATE:	Rev 01 10/08/2010
DESIGNER:	Rev 01
DOCUMENT NUMBER:	100-000000
REVISION:	

TITLE: Cland OS 2010 VGANDVA-HOMIOP

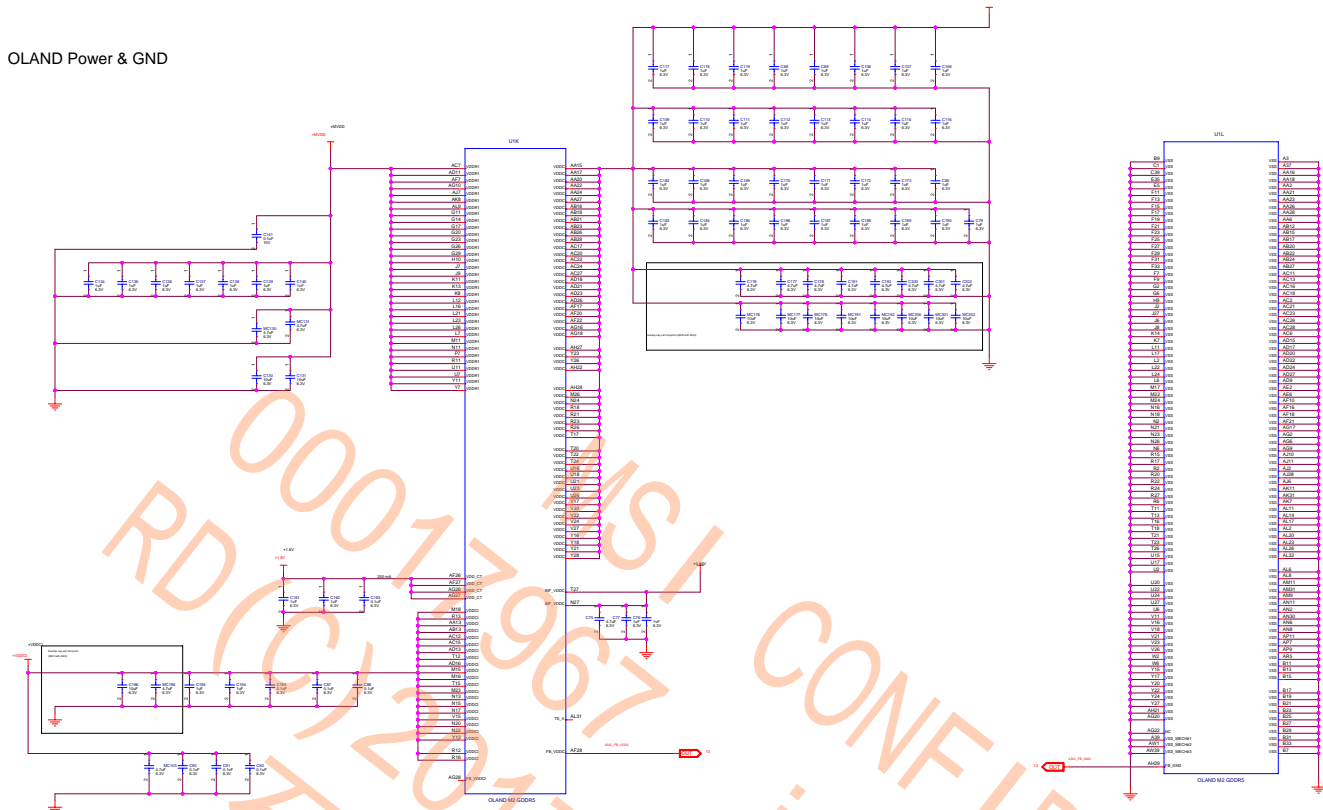


石阿鋒
joripei (裴亮樂)
RMA工程師
(00068760)



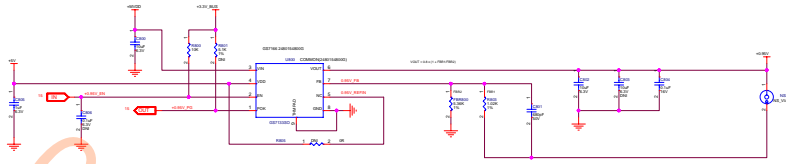


OLAND Power & GND

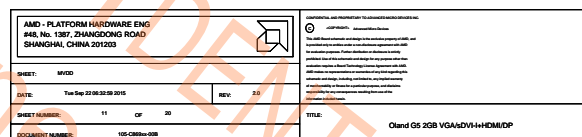


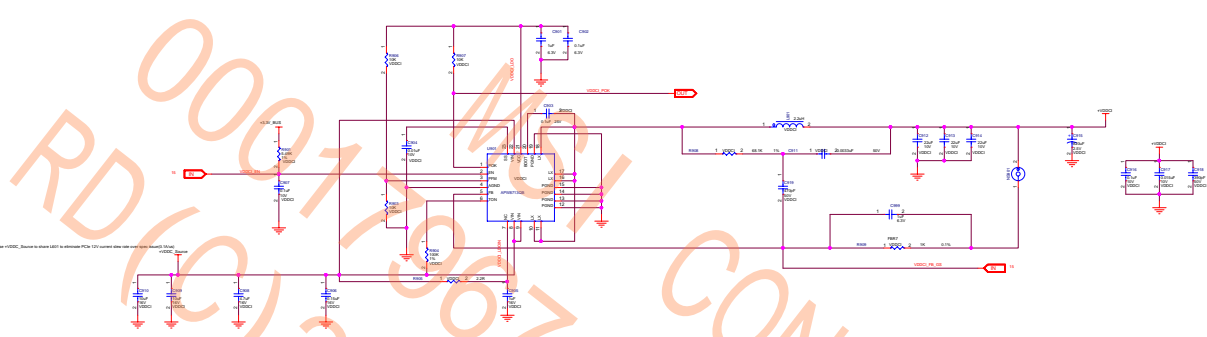
AMD, PLATFORM HARDWARE ENG P&E, No. 1387, ZHANGDONG ROAD SHANGHAI, CHINA 201203		CONFIDENTIAL	
SHEET: Oland Power&GND		REV: 3.0	
DATE: Mon Sep 21 10:05:40 2015		COP: 30	
SHEET NUMBER: 9		TITLE: Oland G5 20B VGANDV4+HDMIOP	
DOCUMENT NUMBER: 100-C8800-008			


Linear Regulators

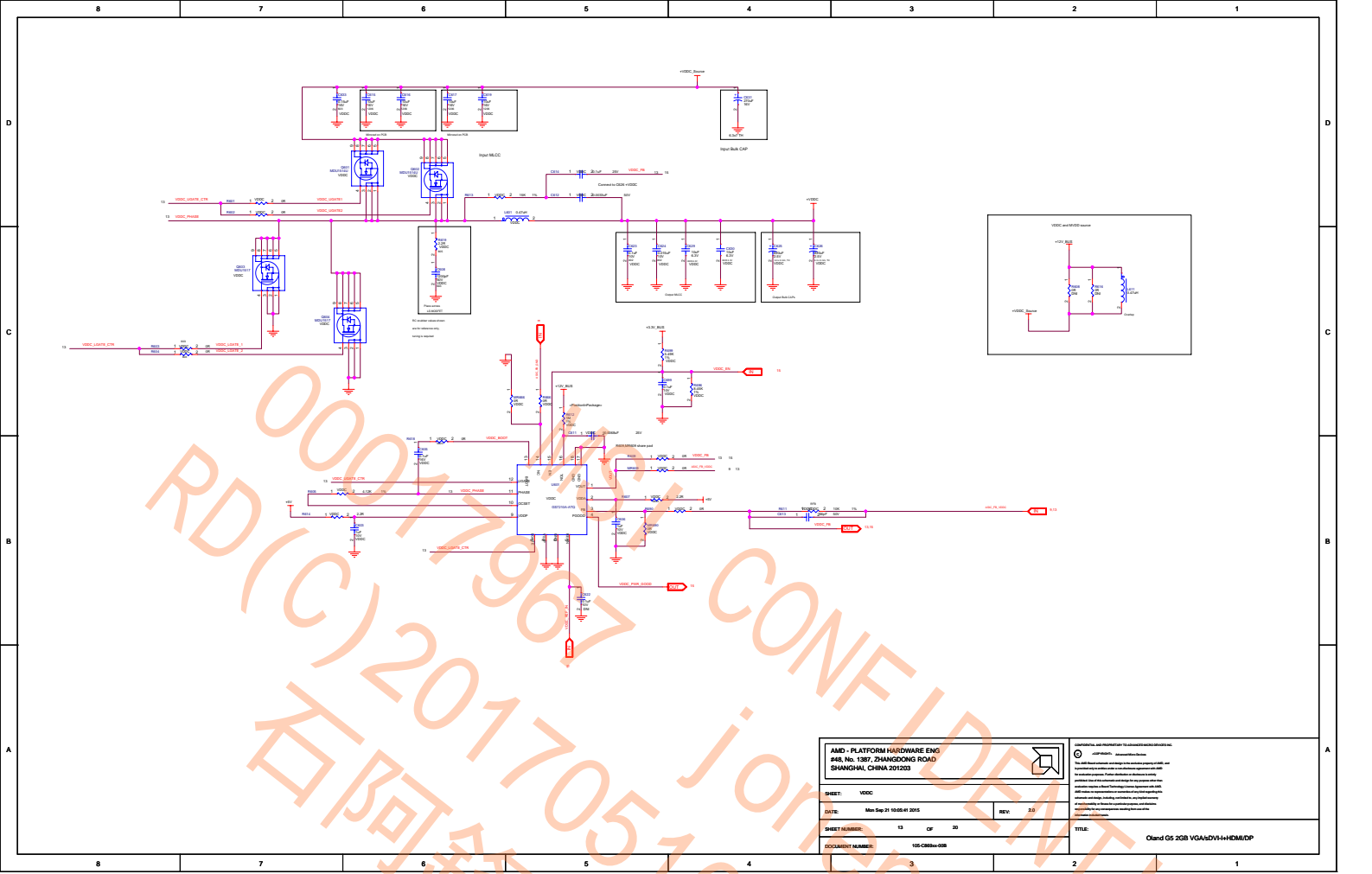


AMD - PLATFORM HARDWARE ENG PAB, No. 1387, ZHANGDONG ROAD SHANGHAI, CHINA 201203		CONFIDENTIAL		AMD - PLATFORM HARDWARE ENG PAB, No. 1387, ZHANGDONG ROAD SHANGHAI, CHINA 201203	
SHEET: 0.00V		REV: 3.0		TITLE: Oland G5 20B VGANDV4+HDMIOP	
DATE: Mar Sep 21 10:05:44 2015		SHEET NUMBER: 10		OF 20	
PROJECT NUMBER: 100-C0000-000					





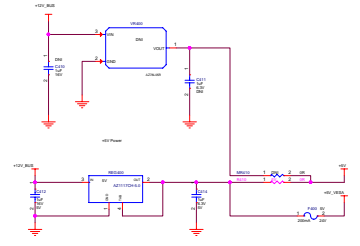
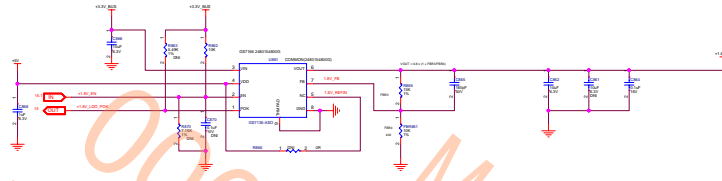
AMD: PLATFORM HARDWARE ENG #48, No. 1387, ZHANGDONG ROAD SHANGHAI, CHINA 201203				© 2017 AMD. All rights reserved. AMD, the AMD logo, and other marks contained herein are trademarks of AMD in the United States and other countries. All other marks contained herein are the property of their respective owners.
SHEET: V05C1		REV: 0.0		TITLE: Oland OS 2GB VGNV14+HDMIOP
DATE: Tue Sep 27 06:30:00 2016		SHEET NUMBER: 12 OF 20		DOCUMENT NUMBER: 100-CB88v-008
REVISION: NONE				



AMD - PLATFORM HARDWARE ENG P&L No. 1387, ZHANGDONG ROAD SHANGHAI, CHINA 201203		SHEET: VDDC	
DATE: Mon Sep 21 10:05:41 2015	REV: 3.0	TITLE: Oland G5 20B VGANDV4+HDMIOP	
SHEET NUMBER: 13	OF 30	PROJECT NUMBER: 100-CB000-008	

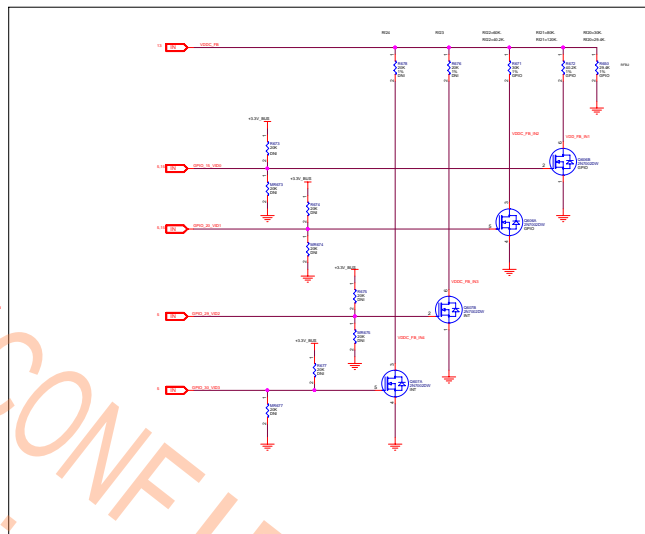
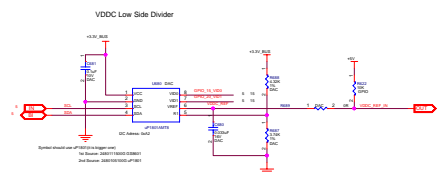
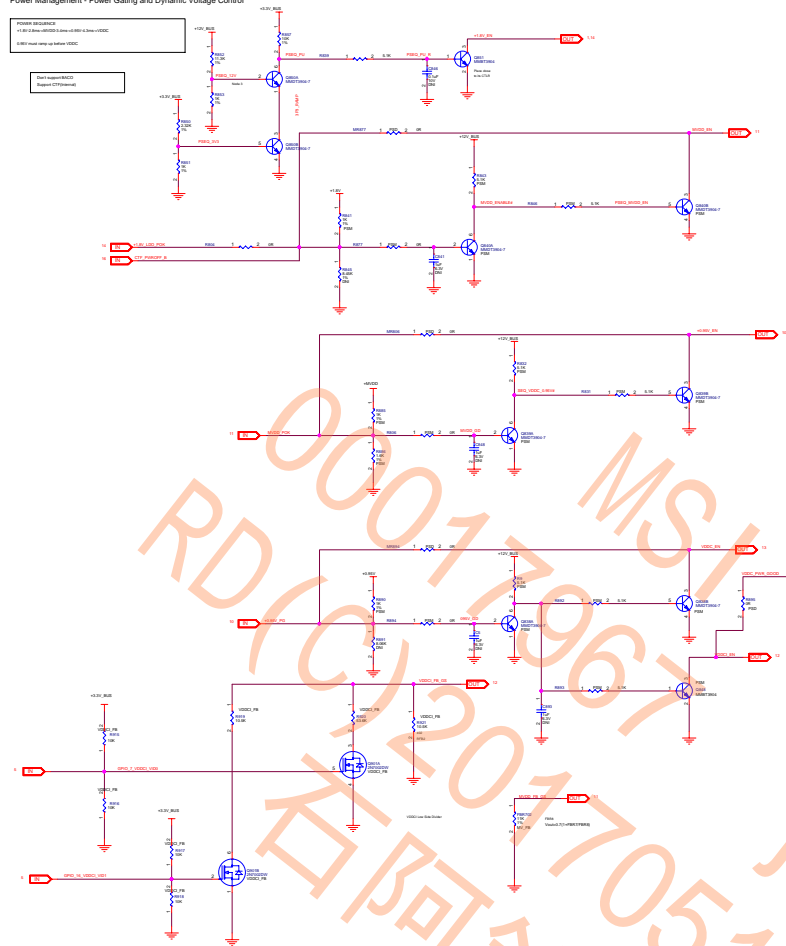
Linear Regulators

1.000000	100 = 0.000000 (0.00% of 100)	1000 = 0.000000 (0.00% of 1000)	10000 = 0.000000 (0.00% of 10000)
FOR 10 to 10000, copper area for cooling			



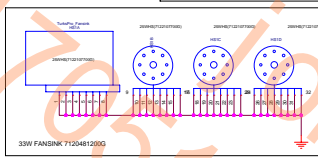
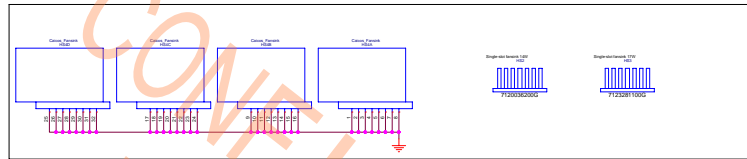
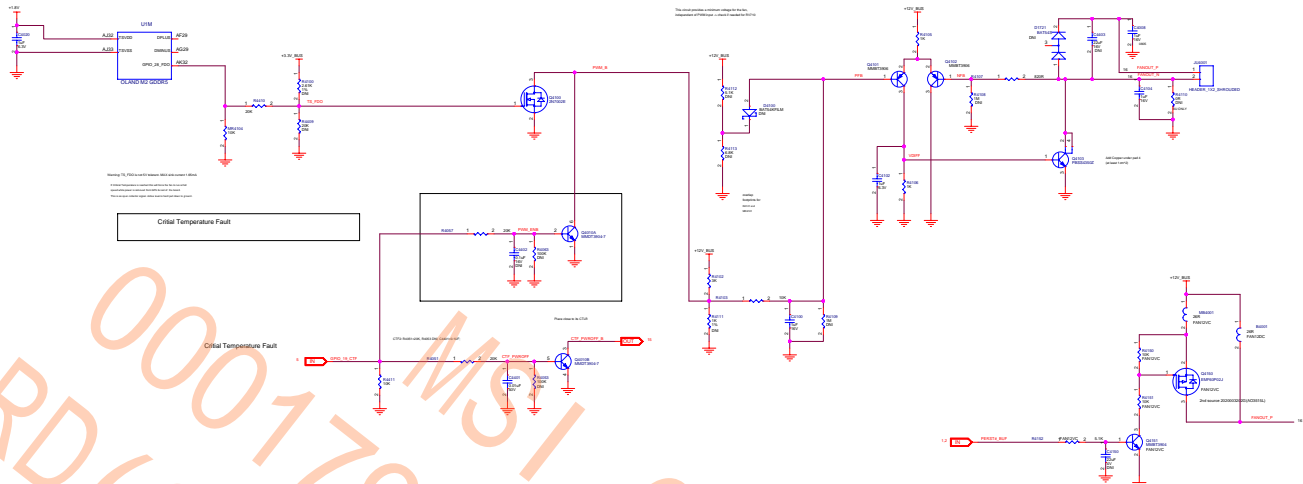
AMD - PLATFORM HARDWARE ENG P&L No. 1387, ZHANGDONG ROAD SHANGHAI, CHINA 201203		Rev. 3.0	
SHEET: Linear Regulators		REV: 3.0	
DATE: Mar Sep 21 10:05:44 2015		REV: 3.0	
SHEET NUMBER: 14		OF 20	
PROJECT NUMBER: 100-C0000-000		TITLE: Oland G5 20B VGANDV4+HDMIOP	

Power Management - Power Gating and Dynamic Voltage Control

[illegible]

Mechanical and Thermal Management

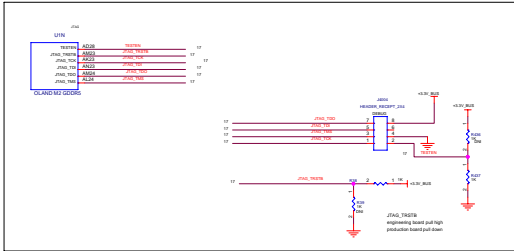
Load FAN01	GPU01-A 1 Fan-01 GPU01-A FAN01 Fan-01
Load FAN02 00011 FAN02	GPU01-A 1 Fan-02 GPU01-A FAN02 Fan-02




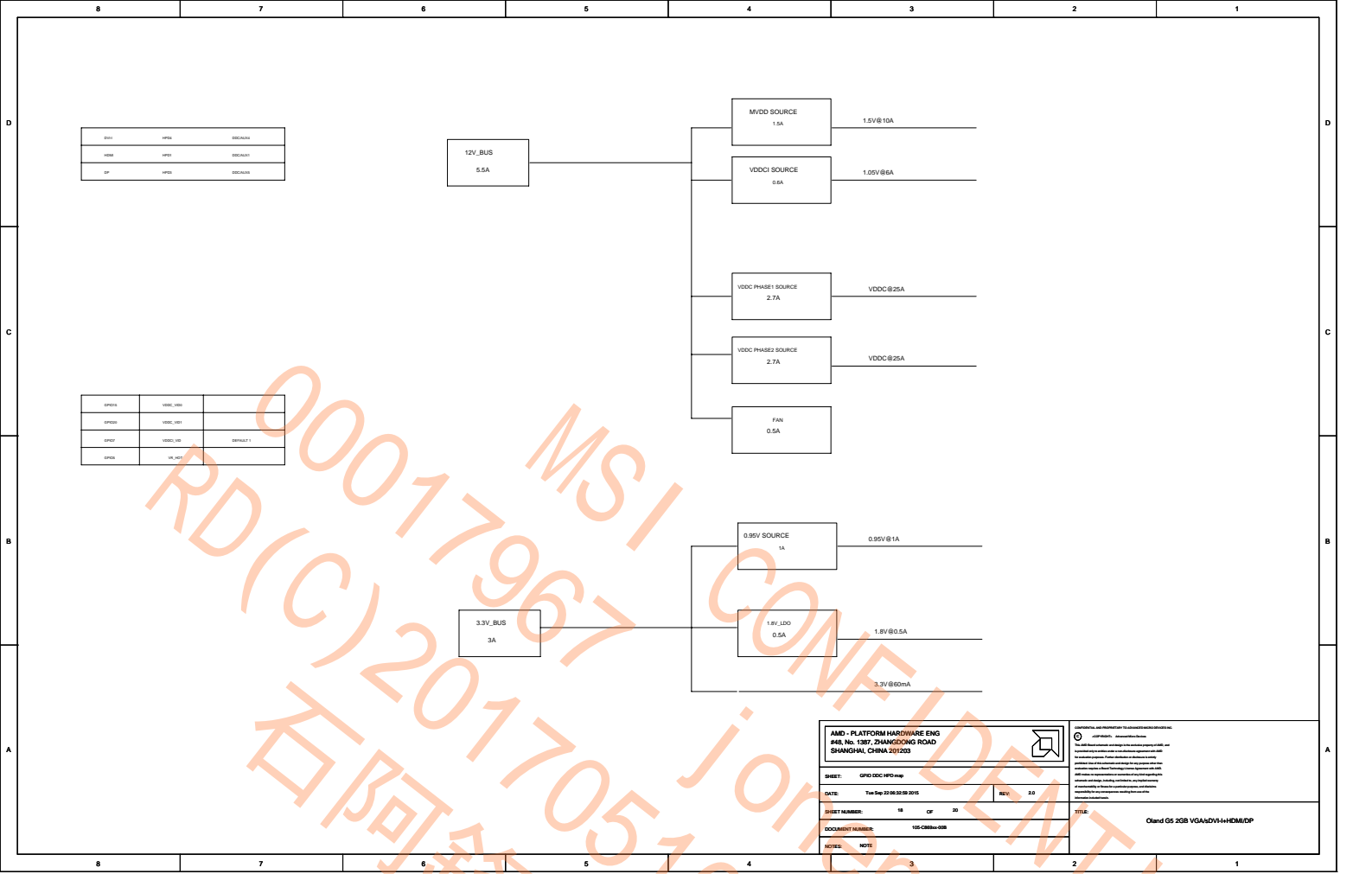
Bracket VGA HDMI DVI	8200000000
Bracket VGA DVI(DVI) DVI	8200000000
Bracket LP DVI(DVI) DVI	8200000000
Bracket LP HDMI DVI	8200000000

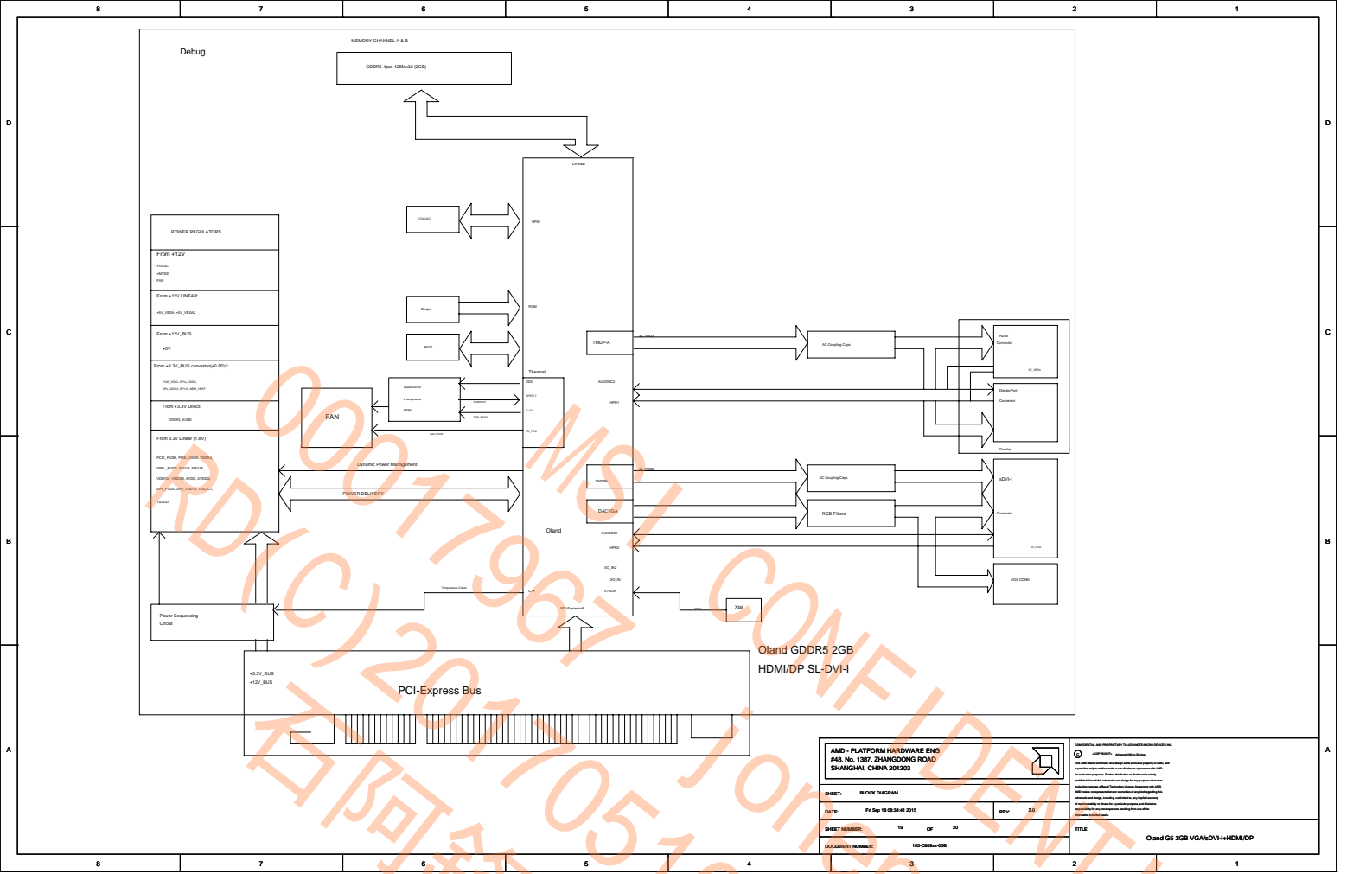
AMD PLATFORM HARDWARE ENG P&L No. 1387, ZHANGDONG ROAD SHANGHAI, CHINA 201203		
SHEET: MechThermal Management		
DATE: Mon Sep 21 10:05:42 2015	REV: 3.0	
SHEET NUMBER: 16	OF 30	
PROJECT NUMBER: 100-C0000-000		

TITLE: Oland G5 2GB VGA/DVI+HDMI/DP	
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SHEET: Debug Check		REV: 3.0		TITLE: Oland G5 20B VGANDV4+HDMIOP	
DATE: Mon Sep 21 10:05:47 2015		CP: 30			
SHEET NUMBER: 17		CP: 30			
DOCUMENT NUMBER: 100-00000-000					





AMD - PLATFORM HARDWARE ENG PHE, No. 1387, ZHANGDONG ROAD SHANGHAI, CHINA 201203		AMD - PLATFORM HARDWARE ENG PHE, No. 1387, ZHANGDONG ROAD SHANGHAI, CHINA 201203	
SHEET: BLOCK DIAGRAM	REV: 3.0	AMD - PLATFORM HARDWARE ENG PHE, No. 1387, ZHANGDONG ROAD SHANGHAI, CHINA 201203	
DATE: Fri Sep 18 08:34:41 2015	CP: 30	AMD - PLATFORM HARDWARE ENG PHE, No. 1387, ZHANGDONG ROAD SHANGHAI, CHINA 201203	
SHEET NUMBER: 19	CP: 30	AMD - PLATFORM HARDWARE ENG PHE, No. 1387, ZHANGDONG ROAD SHANGHAI, CHINA 201203	
DOC NUMBER: 100-00000-000		AMD - PLATFORM HARDWARE ENG PHE, No. 1387, ZHANGDONG ROAD SHANGHAI, CHINA 201203	
		Oland G5 2GB VGANDV4+HDMIOP	

