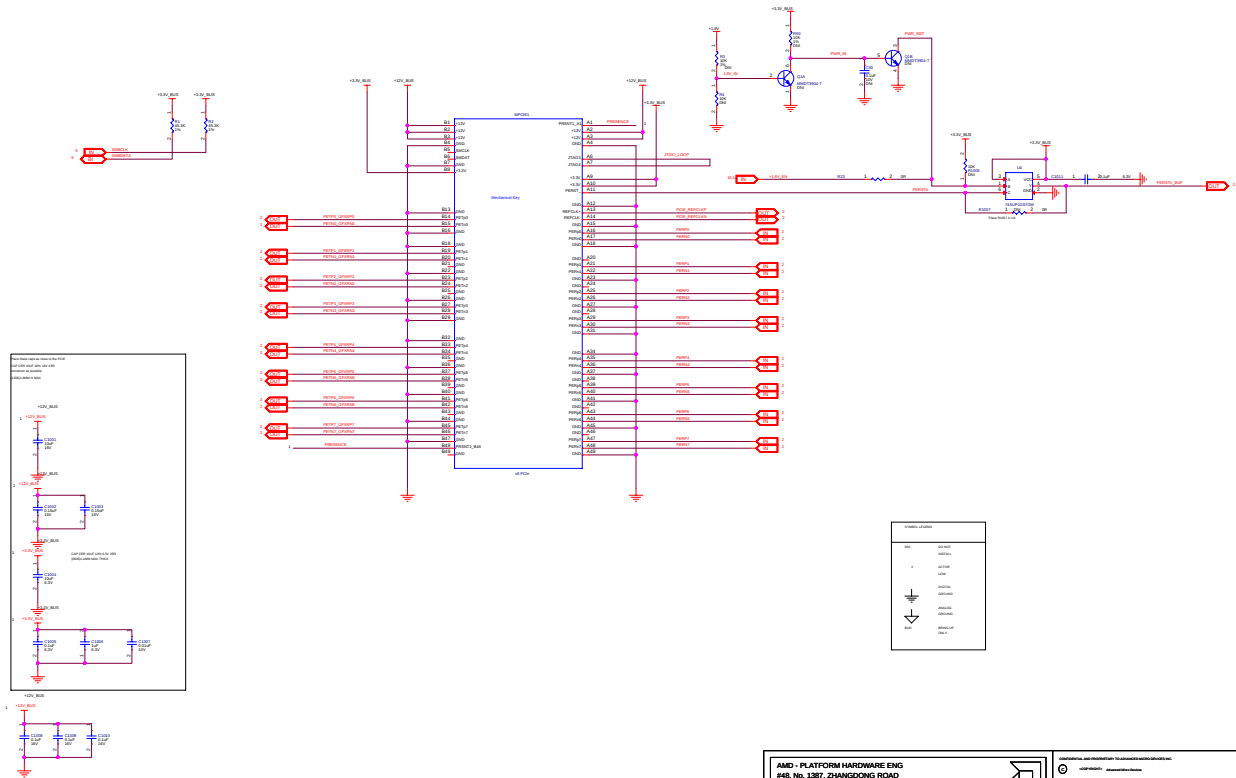


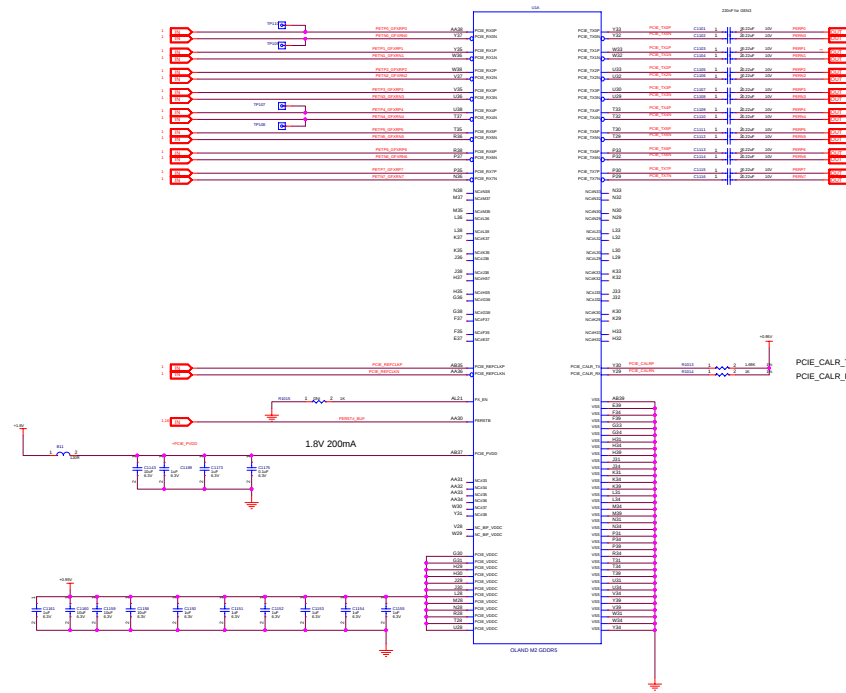
PCI-EXPRESS EDGE CONNECTOR



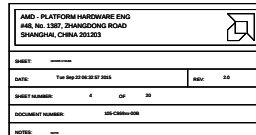
AMD - PLATFORM HARDWARE ENG 986, No. 1387, ZHANGDONG ROAD SHANGHAI, CHINA 201203		SHEET: PCI-E Edge Connector DATE: Tue Sep 22 09:34:19 2015 SHEET NUMBER: 1 OF 20 DOCUMENT NUMBER: 100-C0000-000		TITLE: Oland G5 Z08 VGANDV4-HDMI/DP	
SHEET: PCI-E Edge Connector DATE: Tue Sep 22 09:34:19 2015 SHEET NUMBER: 1 OF 20 DOCUMENT NUMBER: 100-C0000-000		REV: 2.0		TITLE: Oland G5 Z08 VGANDV4-HDMI/DP	

Oland PCIe Interface

NOTE: Some of the PCB requires will
be available through data on boards.



AMD - PLATFORM HARDWARE ENG MIL No. 1387, ZHANGDONG ROAD SHANGHAI, CHINA 201203			AMD, the AMD logo, and related trademarks are registered trademarks of Advanced Micro Devices, Inc. in the United States and other countries. All other trademarks are the property of their respective owners. This document is for informational purposes only and does not constitute a contract. AMD makes no warranty, express or implied, for the use of the information contained herein. AMD reserves the right to change the information contained herein without notice.
SHEET: Oland PCIe Interface			
DATE: Mon Sep 21 10:05:43 2025	REV: 2.0		
SHEET NUMBER: 2 OF 20			
DOCUMENT NUMBER: 100-000000-000		TITLE: Oland OS 20B VGANZV4-HDMI/DP	



CONFIDENTIAL AND PROPRIETARY TO THE INFORMATION SYSTEM SERVICES DIVISION

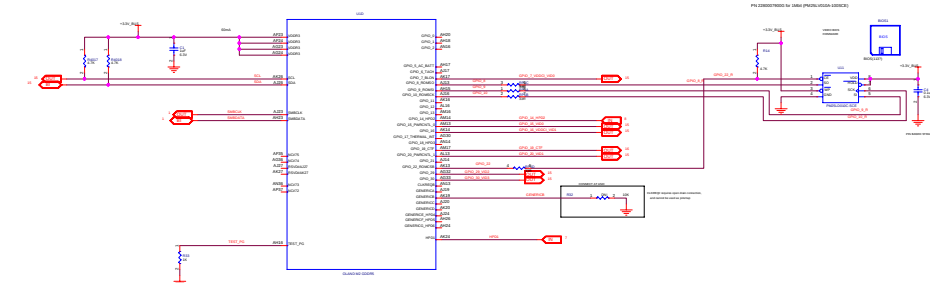
CONFIDENTIAL AND PROPRIETARY TO THE INFORMATION SYSTEM SERVICES DIVISION

has obtained valuable knowledge that is not the exclusive property of others, and is prohibited from either using or disclosing this information to competitors without the permission of the company. Further, disclosure of this information is strongly prohibited. Use of this information and knowledge for any purpose other than authorized activities requires explicit written authorization from the company. Any unauthorized disclosure, including, but not limited to, any use for suggesting this information to competitors or to members of any firm suggesting this information, including, but not limited to, any suggestion that this information is available for sale or for a specific purpose, and disclosure regarding any use, may constitute a violation of the law and the information protection policy.

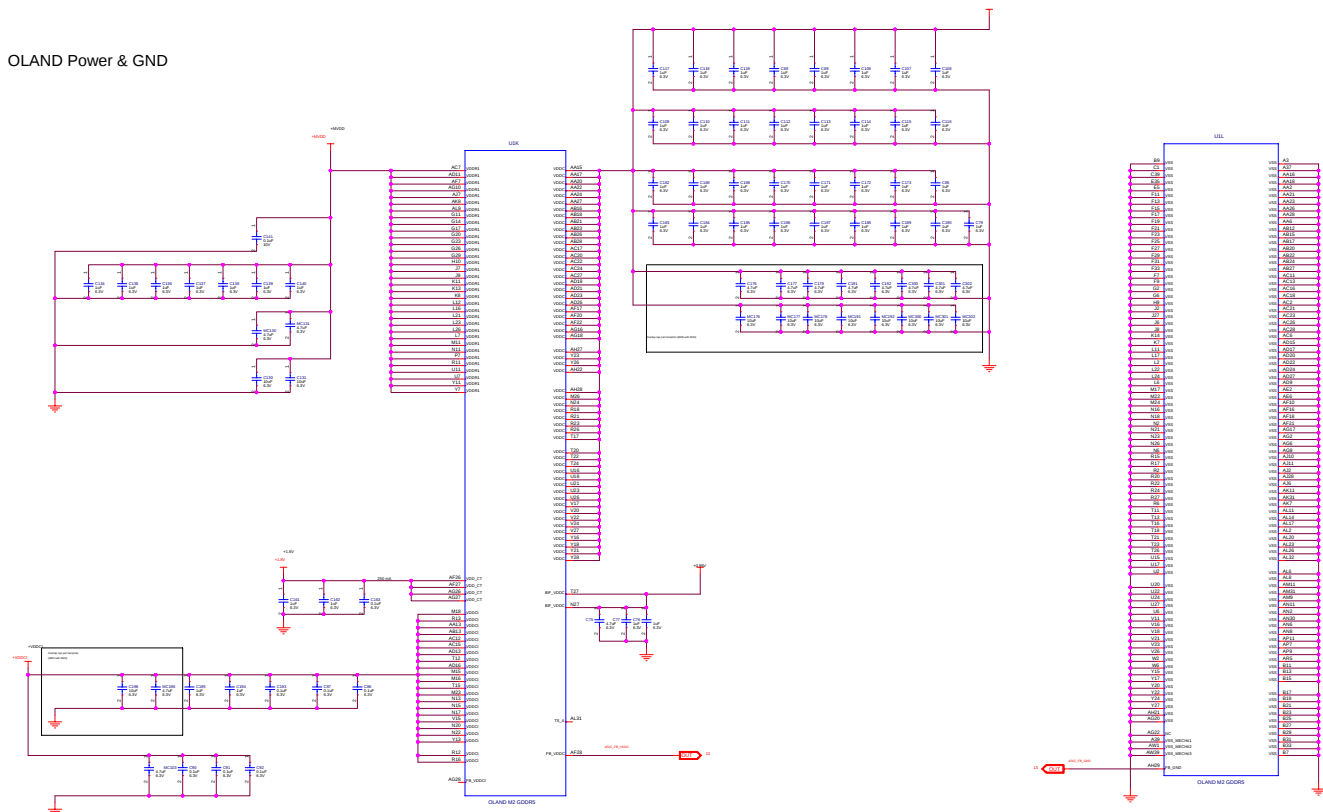
TITLE:

Oland G

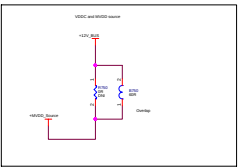
OLAND GPIOs Strap CE XTAL OSC



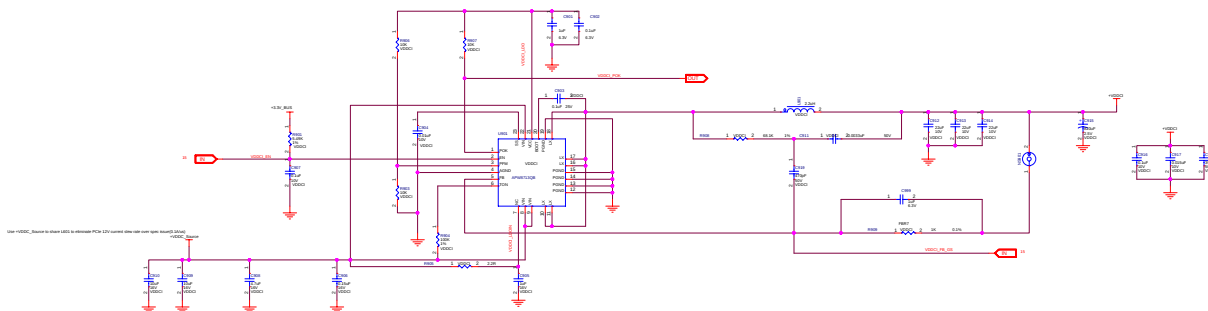
AMD - PLATFORM HARDWARE ENG 800, No. 1387, ZHANGJIOSH ROAD SHANGHAI, CHINA 201203					
SHEET: Chisel TRAP HW					
DATE: Mon Sep 21 10:05:46 2015		REV: 2.0			
SHEET NUMBER: 8 OF 20					
DOCUMENT NUMBER: JIS-0389-00					
				TITLE: Chisel GS ZGB V8ADV/H-HDMI/PC	



AMIO - PLATFORM HARDWARE ENG 868, No. 1387, ZHANGJIANG ROAD SHANGHAI, CHINA 201203				1. 本文件为AMIO公司所有，其内容包含AMIO公司的商业秘密。 2. 本文件仅供AMIO公司相关人员使用，不得向外部人员泄露。 3. 本文件的内容如有变更，恕不另行通知。 4. 本文件的内容如有变更，恕不另行通知。 5. 本文件的内容如有变更，恕不另行通知。 6. 本文件的内容如有变更，恕不另行通知。 7. 本文件的内容如有变更，恕不另行通知。 8. 本文件的内容如有变更，恕不另行通知。 9. 本文件的内容如有变更，恕不另行通知。 10. 本文件的内容如有变更，恕不另行通知。
SHEET: Cloud PowerEdge DATE: Mon Sep 21 13:00:46 2015 REV: 2.0				
SHEET NUMBER: 0 OF 20		TITLE: Cloud OS 2GB VDA/DVH/HOMEDP		
DOCUMENT NUMBER: 155-C0004-008				

[illegible]

Regulator for VDDIO



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



© 2013 AMD. All rights reserved. AMD, the AMD logo, and other marks contained herein are trademarks of AMD. All other marks contained herein are the property of their respective owners.

SHEET: VDDIO

DATE: Tue Sep 27 06:30:00 2016

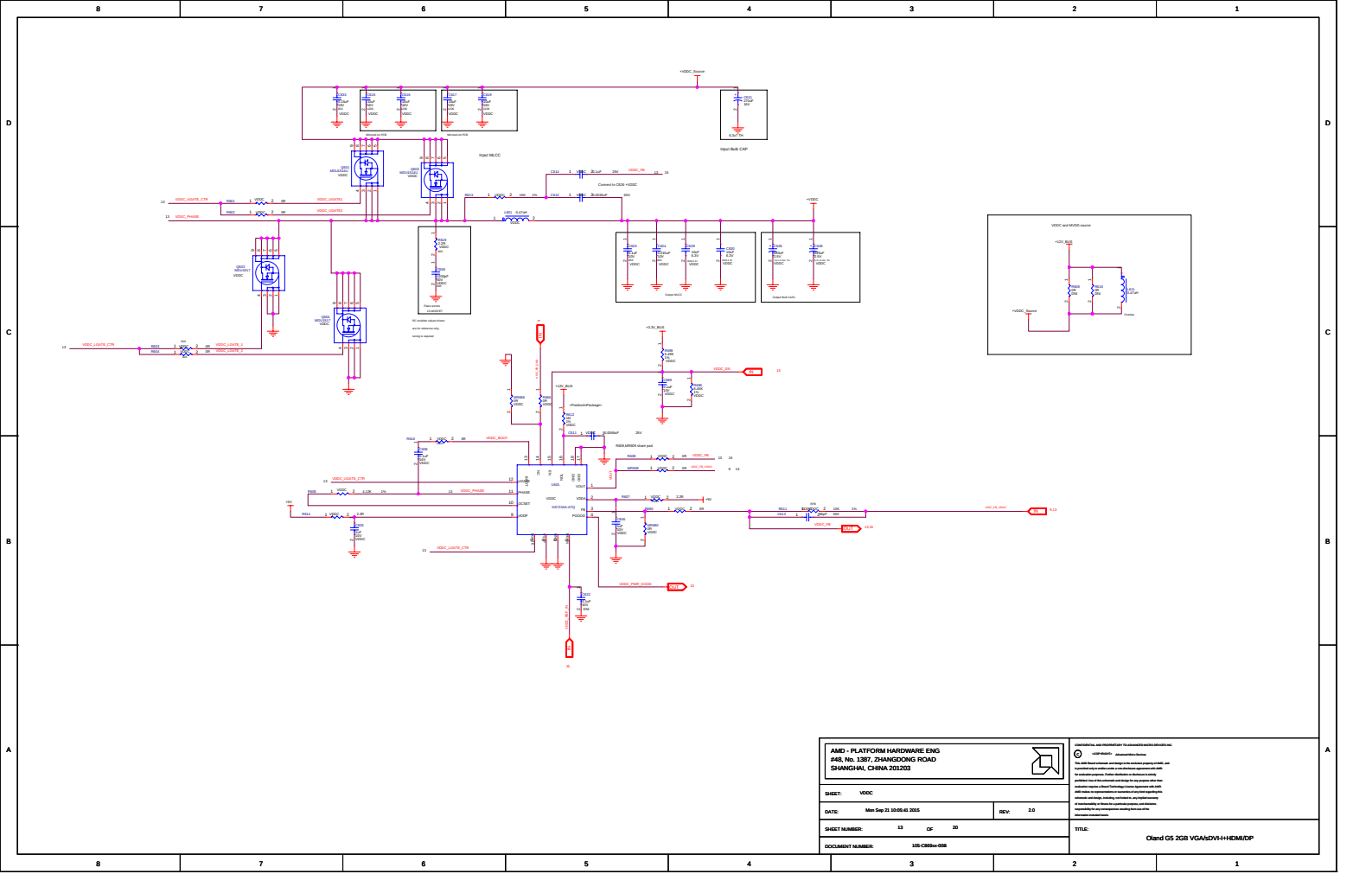
REV: 0.0

SHEET NUMBER: 12 OF 20

DOCUMENT NUMBER: 100-000000-000

NOTES: NOTE

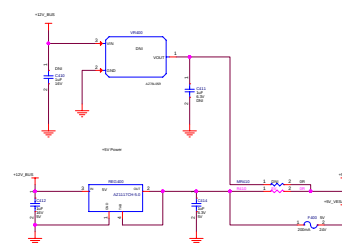
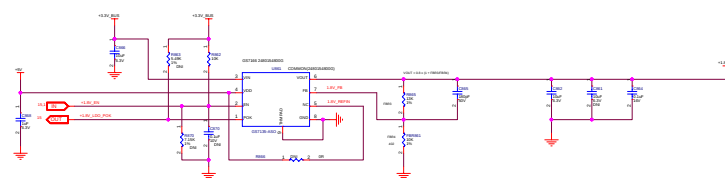
TITLE: Oland OS 2GB VGAZDV+HDMI/DP



AMD - PLATFORM HARDWARE ENG R&D, No. 1387, ZHANGDONG ROAD SHANGHAI, CHINA 201203	
SHEET: VDDC	REV: 3.0
DATE: Mon Sep 21 10:05:41 2021	
SHEET NUMBER: 13	OF 20
DOCUMENT NUMBER: 100-C0000-000	

Copyright © 2021 AMD. All rights reserved. AMD, the AMD logo, and other marks contained herein are trademarks of AMD. All other marks contained herein are the property of their respective owners. This document is for internal use only and is not to be distributed outside of AMD. The information contained herein is confidential and may be subject to change without notice. AMD does not warrant the accuracy or completeness of the information contained herein. AMD is not responsible for any damages or losses resulting from the use of this document. AMD reserves the right to modify this document at any time without notice.	
Title: Oland G5 20B VGANDV4-HDMI/DP	

Linear Regulators



AMD - PLATFORM HARDWARE ENG
MAIL NO. 1387, ZHANGSONG ROAD
SHANGHAI, CHINA 201205

AMD and the AMD logo are registered trademarks of Advanced Micro Devices, Inc. in the United States and other countries. All other trademarks are the property of their respective owners.

The AMD logo and the AMD logo with the AMD logo are registered trademarks of Advanced Micro Devices, Inc. in the United States and other countries. All other trademarks are the property of their respective owners.

The AMD logo and the AMD logo with the AMD logo are registered trademarks of Advanced Micro Devices, Inc. in the United States and other countries. All other trademarks are the property of their respective owners.

SHEET: Linear Regulators

DATE: Mon Sep 21 10:05:44 2015

REV: 2.0

SHEET NUMBER: 14 OF 20

DOCUMENT NUMBER:

US-0280-008

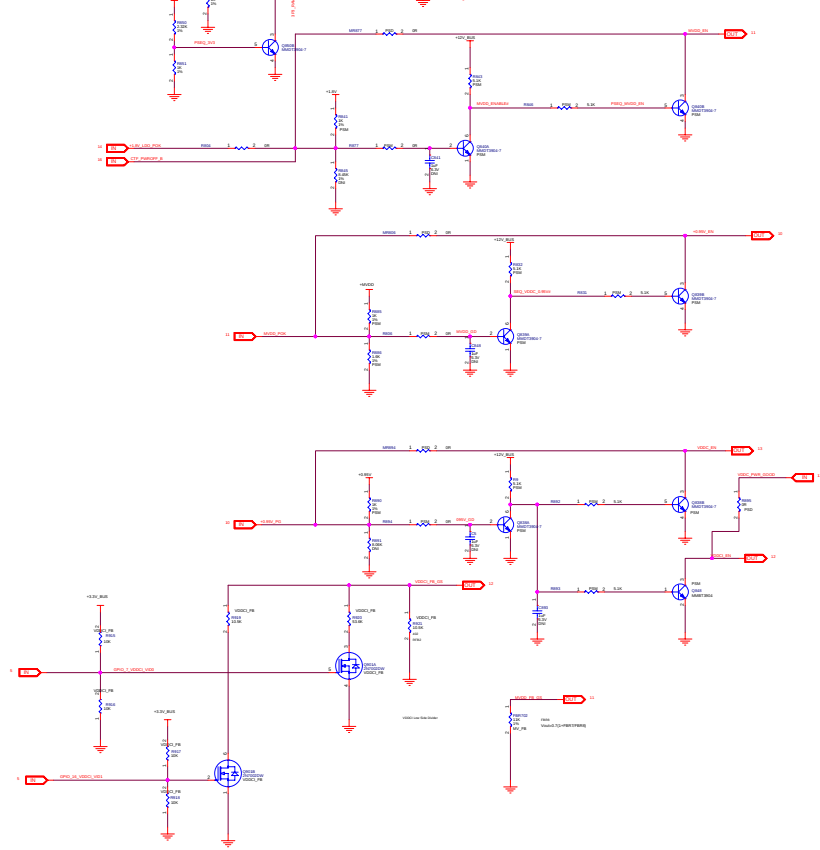
TITLE:

Cloned GS 2015 VGASDVH+HMEMEXP

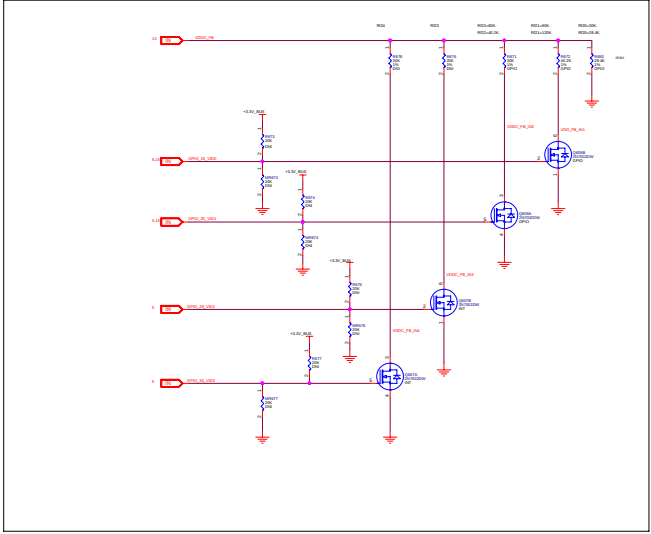
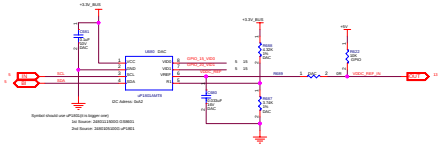
Power Management - Power Gating and Dynamic Voltage Control

Power Management - Power Gating and Dynamic Voltage Control

Power Management - Power Gating and Dynamic Voltage Control



VDDC Low Side Divider



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

SHEET: PM0 MCAT A 04Q

DATE: Tue Sep 22 00:00:00 2015

SHEET NUMBER: 35 OF 30

DOCUMENT NUMBER: 100-00000-000

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

SHEET: PM0 MCAT A 04Q

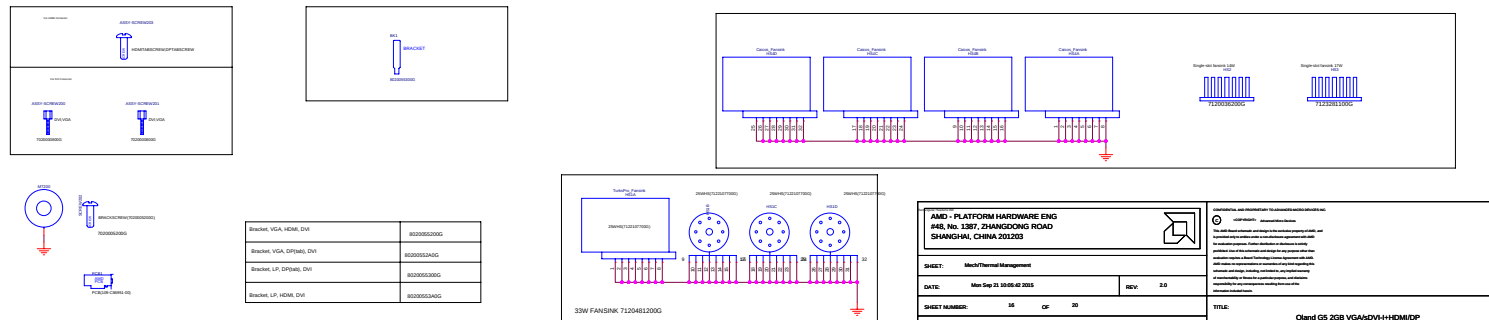
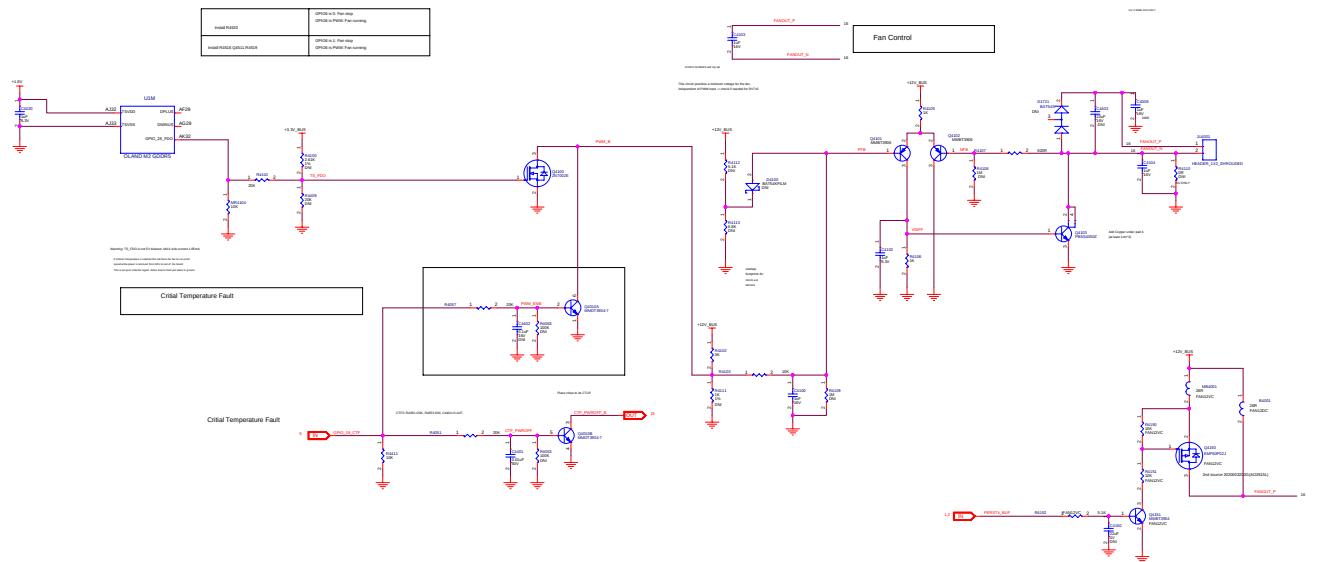
DATE: Tue Sep 22 00:00:00 2015

SHEET NUMBER: 35 OF 30

DOCUMENT NUMBER: 100-00000-000

Client 05 20B VGANDV4-HDMI0P

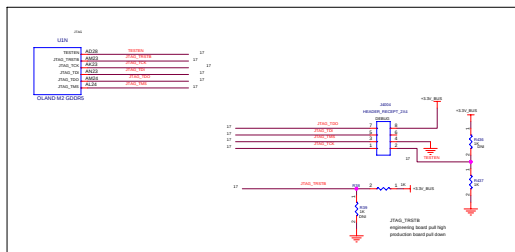
Mechanical and Thermal Management



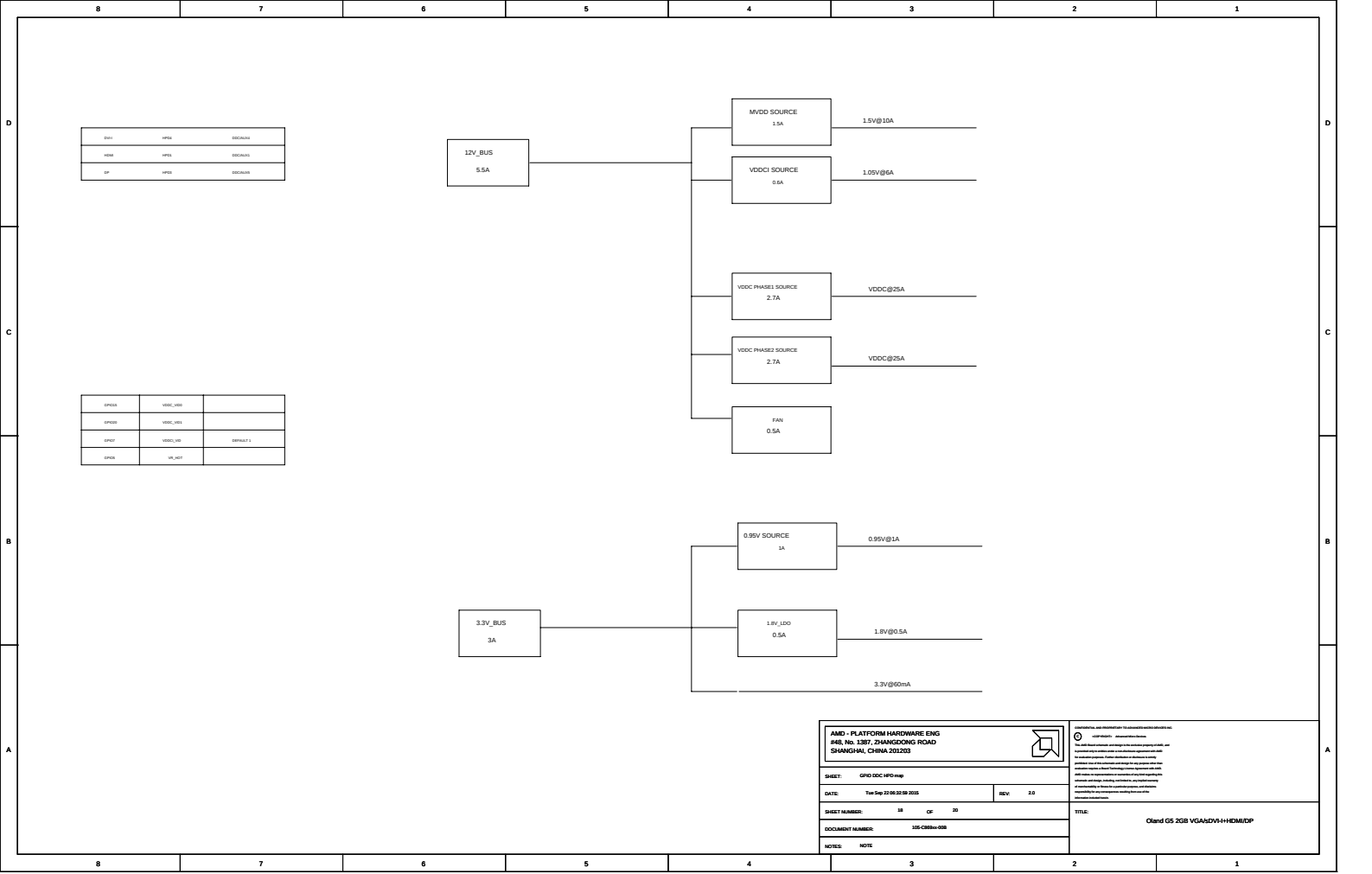
Bracket, VGA, HDMI, DVI	802095300G
Bracket, VGA, DP(hd), DVI	8020953A0G
Bracket, LP, DP(hd), DVI	802095300G
Bracket, LP, HDMI, DVI	8020953A0G

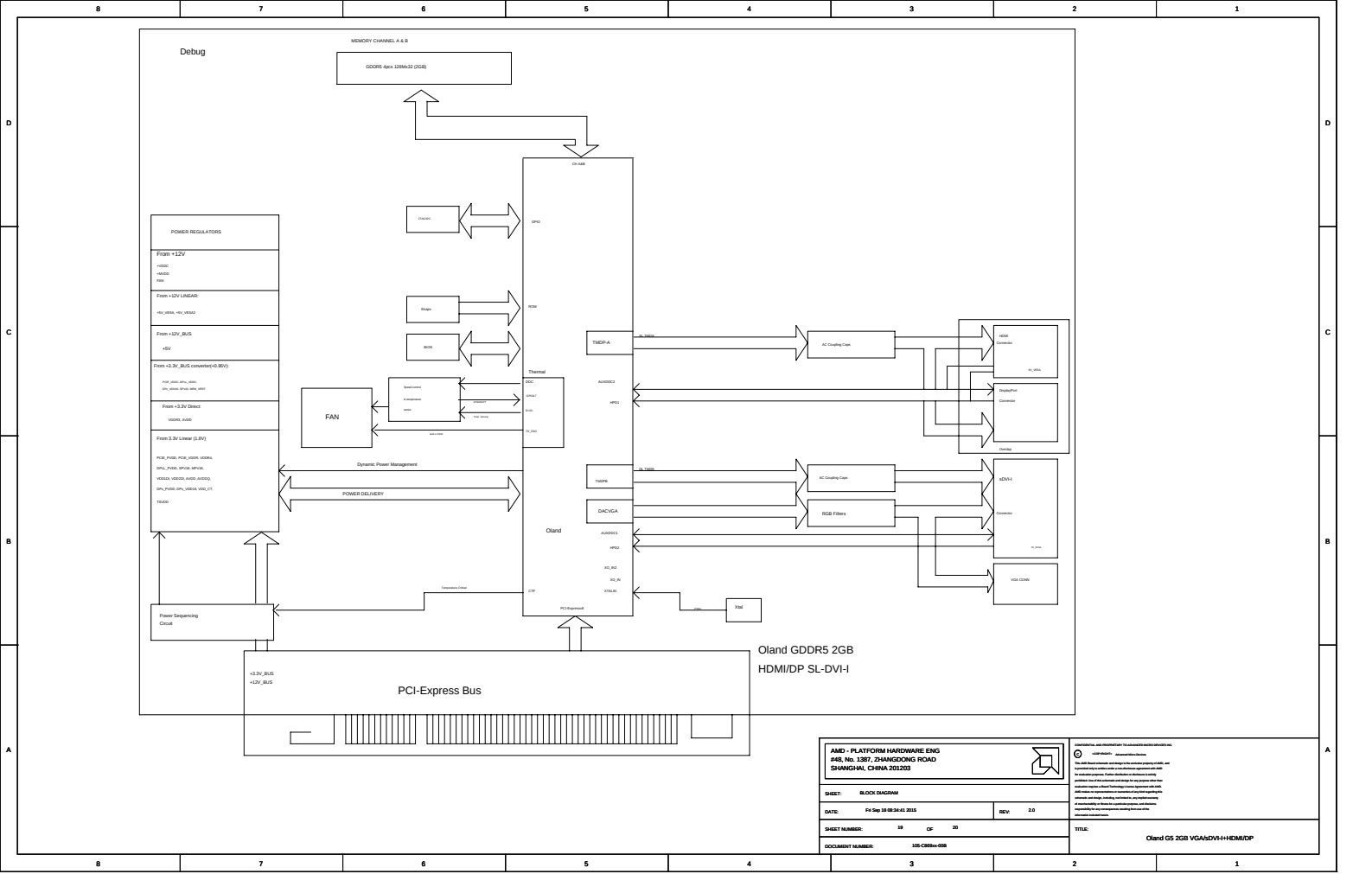
AMD - PLATFORM HARDWARE ENG #48, NO. 1387, ZHANGDONG ROAD SHANGHAI, CHINA 201203		
SHEET: MechThermal Management		
DATE: Mon Sep 21 10:05:42 2015	REV: 2.0	
SHEET NUMBER: 14	OF	20
DOCUMENT NUMBER: 105 088rev 008		

[illegible]



AMD - PLATFORM HARDWARE ENG #68, 10th, 13877, ZHANGJING ROAD SHANGHAI, CHINA 201203			① CONFIDENTIALITY AND PROPRIETARY RIGHTS This document contains confidential information and/or trade secrets of AMD and its subsidiaries, affiliates, licensors, or other third parties. It is intended only for the individual(s) named in the header. It is not to be distributed, copied, or used in any manner without the prior written permission of AMD. If you are not an intended recipient, you should not disseminate, distribute, or use this information. If you have received this document in error, please notify the sender immediately by e-mail. This document is the property of AMD and is loaned to you; it and its contents are not to be retransmitted, reproduced, or otherwise used for any purpose without the prior written permission of AMD. If you are an employee of AMD, you are prohibited from disclosing this information to any third party without the prior written permission of AMD.
SHEET: Drawing Sheet			
DATE: Mon Sep 23, 10:05:47 2008		REV: 2.0	
SHEET NUMBER: 17 OF 20		TITLE: Orland G5 XGB ZGV8ZV9+H2M0E0	
DOCUMENT NUMBER: USR-0386-09-00			





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

SHEET: BLOCK DIAGRAM

DATE: Fri Sep 18 08:34:41 2015

SHEET NUMBER: 39 OF 39

DOCUMENT NUMBER: 100-000000-000

REV: 3.0

TITLE: Oland OS 2GB VGANDV4-HDMI/DP

AMD, the AMD logo, and related trademarks are registered trademarks of Advanced Micro Devices, Inc. (AMD) in the United States and other countries. All other trademarks are the property of their respective owners. This document is for internal use only and is not to be distributed outside of AMD. The information in this document is subject to change without notice. AMD makes no warranty, representation, or guarantee, expressed or implied, for the accuracy, completeness, or reliability of the information in this document. AMD disclaims any liability for damages or losses of any kind arising from the use of this document.

8		7		6		5		4		3		2		1	
AMD				TITLE: Oland G5 2GB VGARDWH-HHMDP				DOCUMENT NUMBER: 105-0896a-00		DATE: Tue Sep 22 00:30:17 2009		SHEET NUMBER: 20 OF 20		REV: 2.0	
REVISION HISTORY				ENGINEER: Tony Yang		NOTES: NOTE						AMD - PLATFORM HARDWARE ENG 548, No. 1387, ZHANGJING ROAD SHANGHAI, CHINA 201203			
SCH Rev		PCB Rev		Date		REVISION DESCRIPTION									
1.00		001		02/03/04		1. NEW PRODUCT									
1.01		001		02/03/04		2. NEW PCB REV									