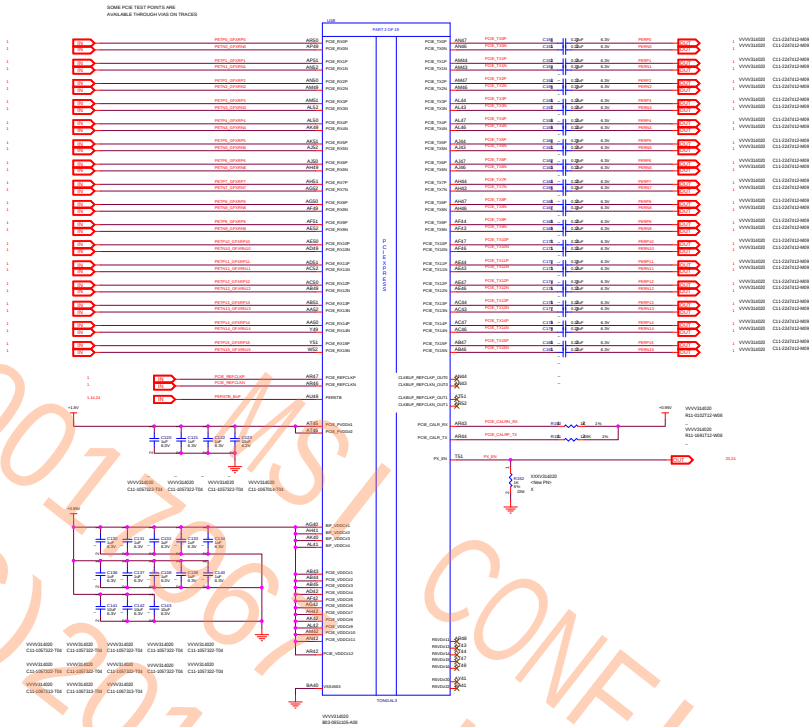
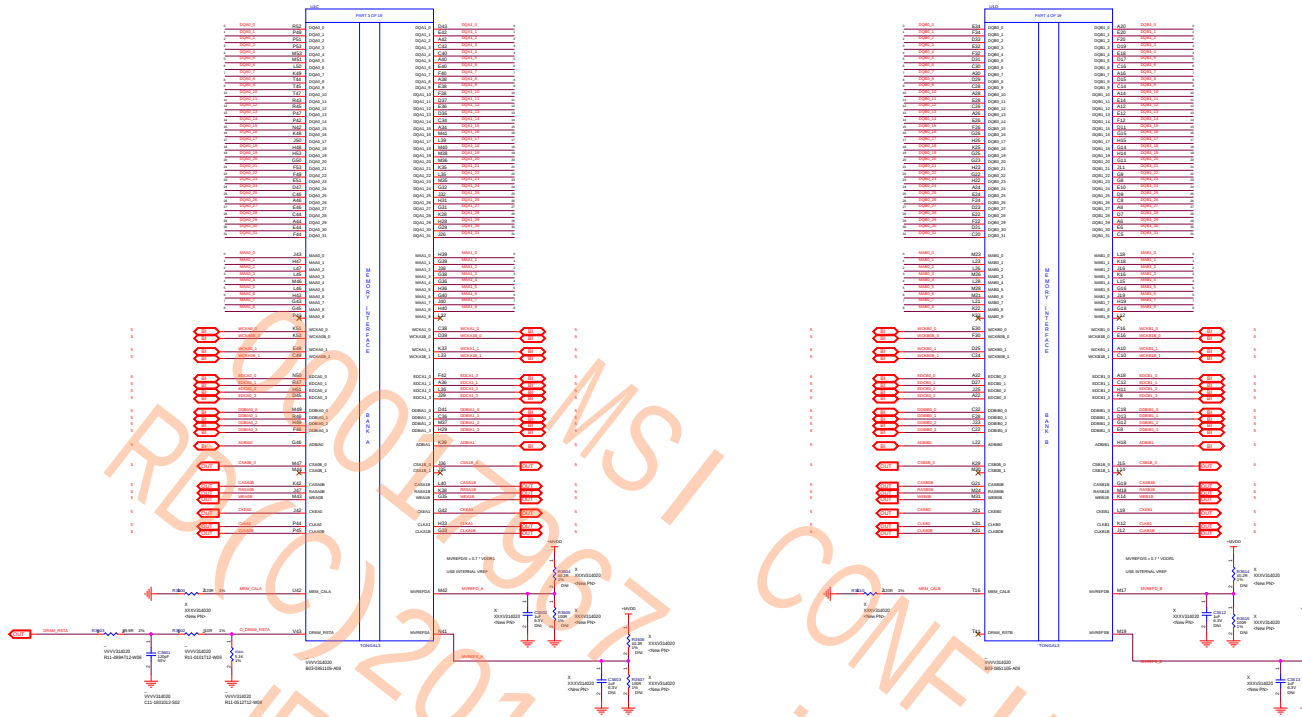


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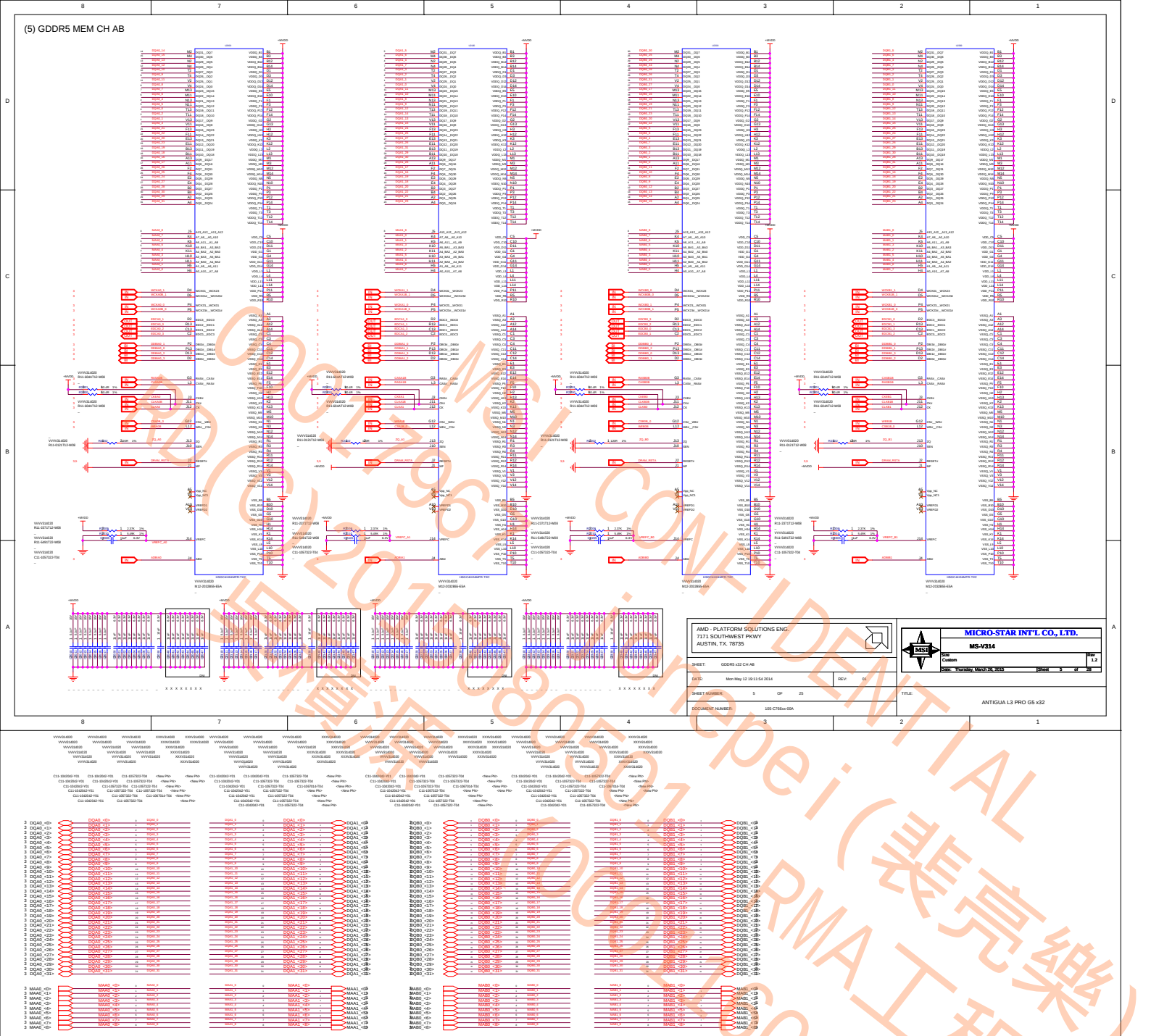


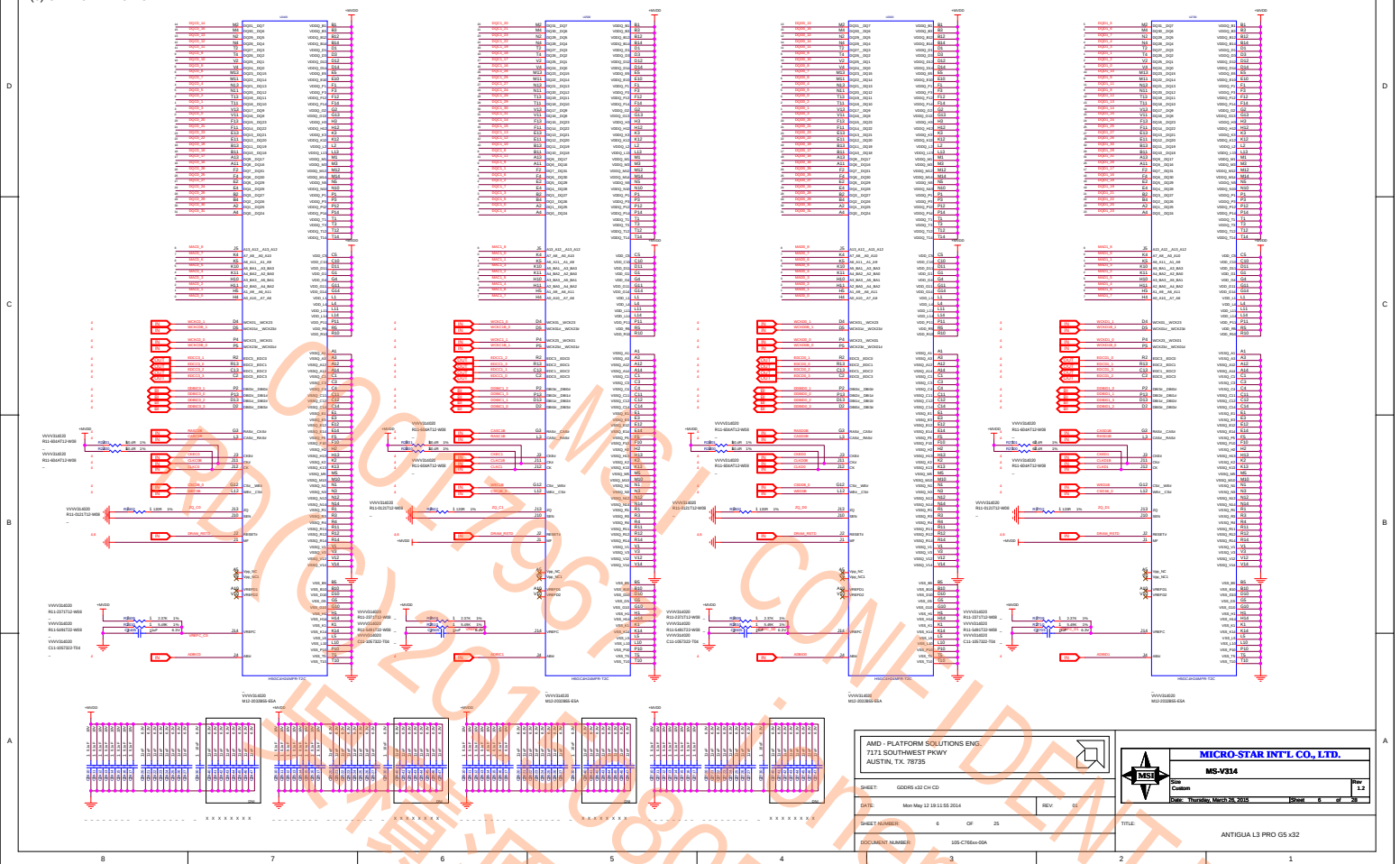
AMD PLATFORM SOLUTIONS ENG. 7171 SOUTHWEST PKWY AUSTIN, TX 78735		 MICRO-STAR INT'L CO., LTD. MS-V314 Rev. 1.0 Date: 2015.05.12	
SHEET: GPU PCIe	REV: 01	TITLE: ANTIGUA L3 PRO G5 x32	
DATE: Mon May 12 10:11:54 2014	SHEET NUMBER: 2 OF 25		
DOC NUMBER: 100-CT7600-004			



AMD, PLATFORM SOLUTIONS ENG. 7171 SOUTHWEST PKWY AUSTIN, TX 78735			
SHEET: GPU MEM CH AB		REV: M1	
DATE: Mon May 12 10:11:52 2014		SUBJ NUMBER: 3 OF 25	
DOC NUMBER: 100-CT7600-004		TITLE: ANTIGUA L3 PRO G5 v32	

MEM0_0	MEM0_1	MEM0_2	MEM0_3	MEM0_4	MEM0_5	MEM0_6	MEM0_7	MEM0_8	MEM0_9	MEM0_10	MEM0_11	MEM0_12	MEM0_13	MEM0_14	MEM0_15	MEM0_16	MEM0_17	MEM0_18	MEM0_19	MEM0_20	MEM0_21	MEM0_22	MEM0_23	MEM0_24	MEM0_25	MEM0_26	MEM0_27	MEM0_28	MEM0_29	MEM0_30	MEM0_31
MEM1_0	MEM1_1	MEM1_2	MEM1_3	MEM1_4	MEM1_5	MEM1_6	MEM1_7	MEM1_8	MEM1_9	MEM1_10	MEM1_11	MEM1_12	MEM1_13	MEM1_14	MEM1_15	MEM1_16	MEM1_17	MEM1_18	MEM1_19	MEM1_20	MEM1_21	MEM1_22	MEM1_23	MEM1_24	MEM1_25	MEM1_26	MEM1_27	MEM1_28	MEM1_29	MEM1_30	MEM1_31



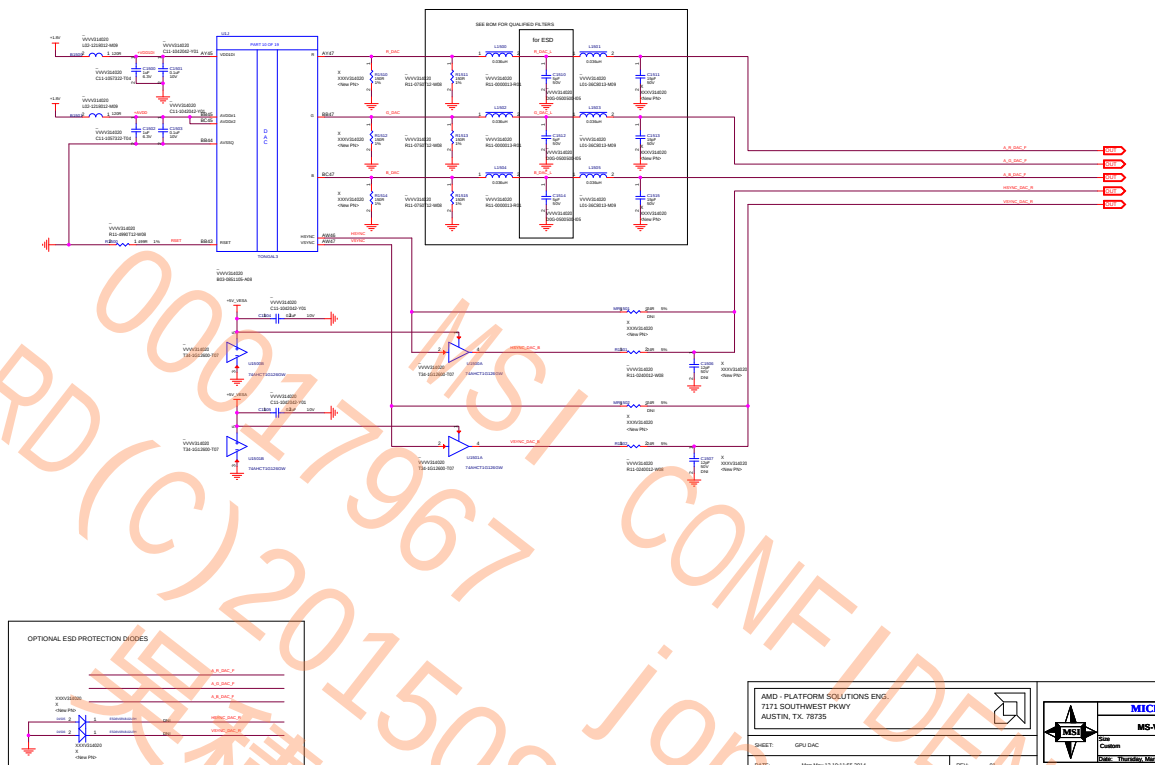


IPC ADDRESS	FUNCTION	DEVICE
0x90	ROT TRUMP SENSOR	LMP00003

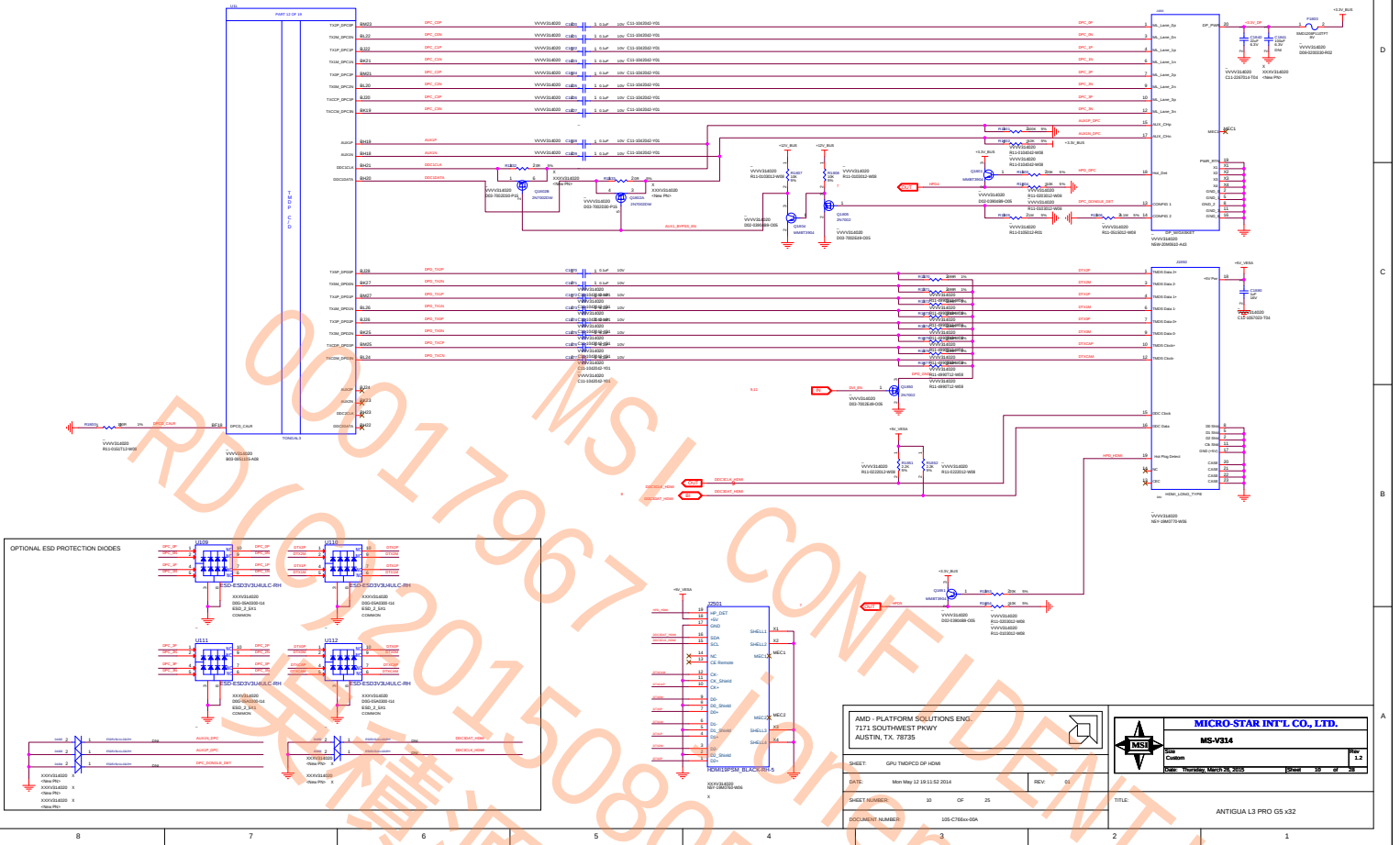
	MICRO-STAR INT'L CO., LTD.		
	MS-V314		
	Size		Rev 1.2
	Content		
Date: Thursday, March 28, 2015		Sheet 7	of 28

ANTIGUA L3 PRO G5 x32

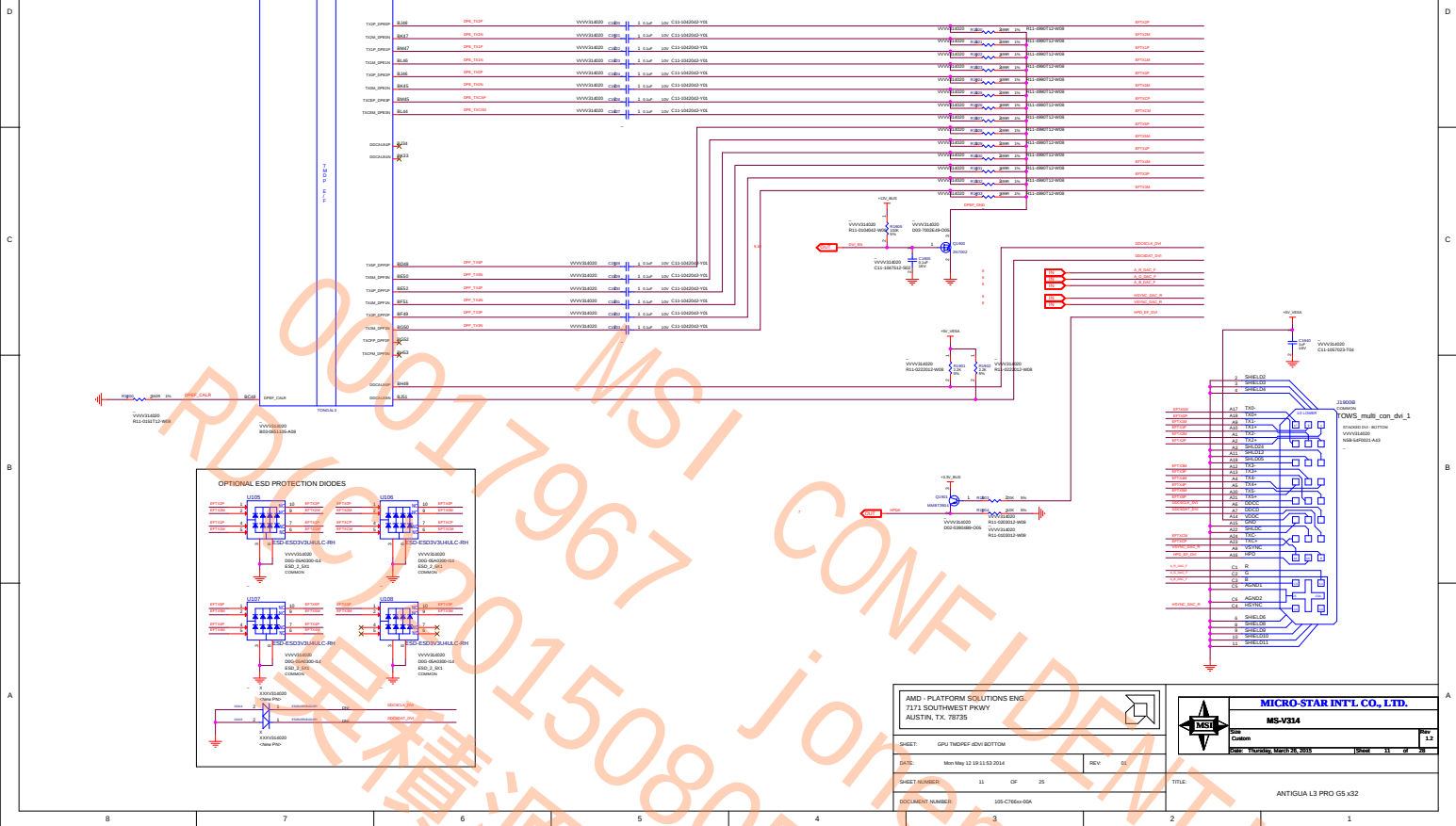
(8) DAC

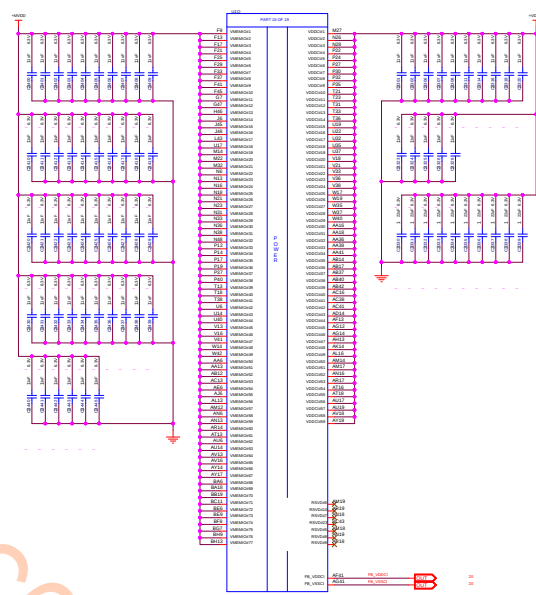


AMD, PLATFORM SOLUTIONS ENG. 7171 SOUTHWEST PKWY AUSTIN, TX 78735		MICRO-STAR INT'L CO., LTD. MS-V314 Rev. 1.0 Date: 2015/05/12	
SHEET: GPU ENC	REV: 01	TITLE: ANTIGUA L3 PRO G5 v32	1/1
DATE: Mon May 12 19:11:55 2014	SHEET NUMBER: 8 OF 25	DOC NAME NUMBER: 100-CT7600-00A	



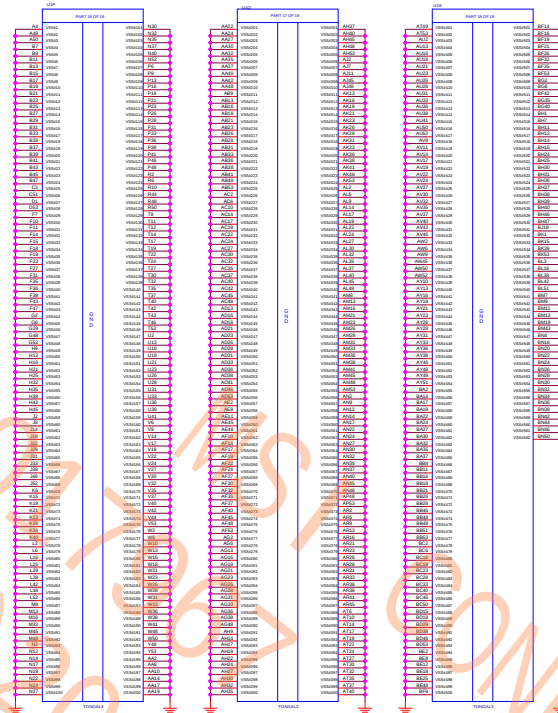
AMD PLATFORM SOLUTIONS ENG. 7171 SOUTHWEST PKWY AUSTIN, TX 78735			
SHEET GPU TMDPCD DP HDMI		MICRO-STAR INT'L CO., LTD. MS-V314	
DATE Mon May 12 10:11:52 2014		Rev. Custom	
SHEET NUMBER 30		OF 35	
DOCUMENT NUMBER 100-CT600-004		TITLE: ANTIGUA L3 PRO G5 x32	





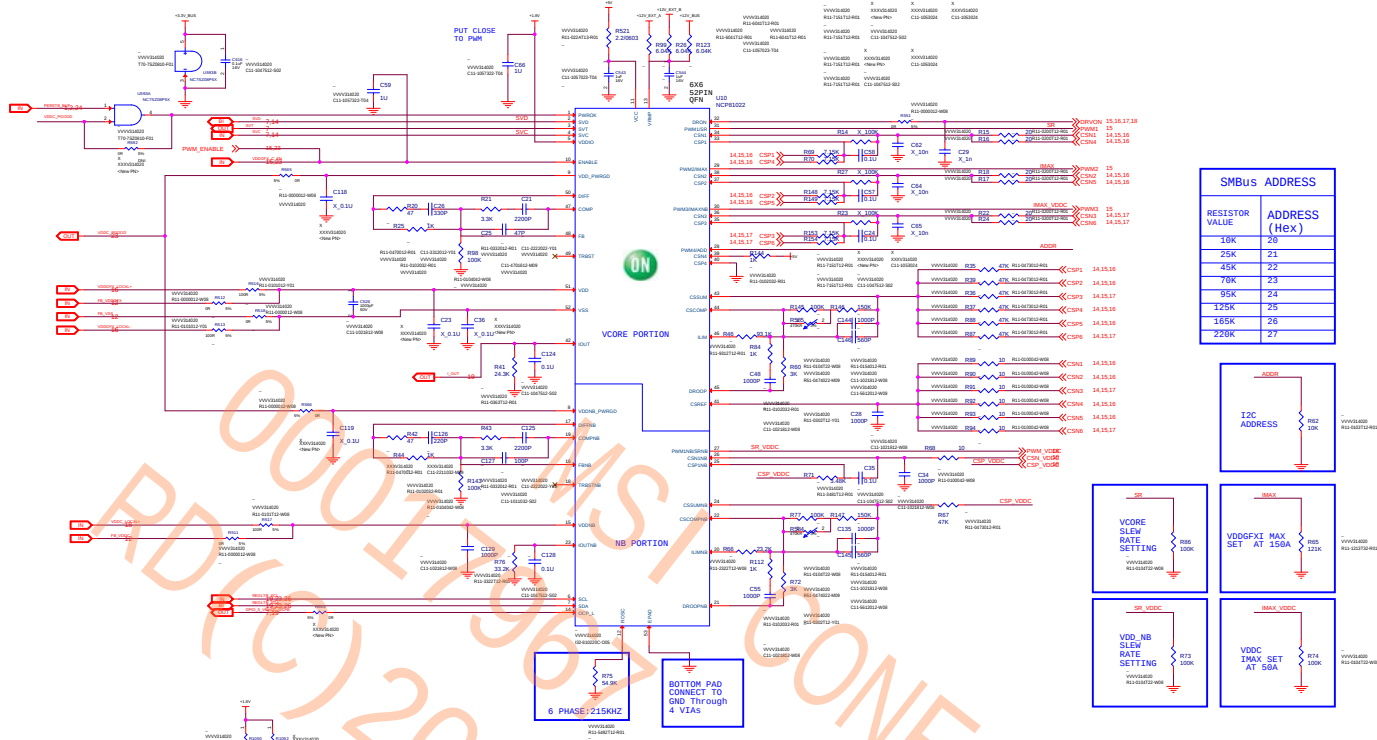
AMD - PLATFORM SOLUTIONS ENG 7121 SOUTHWEST HWY AUSTIN, TX 78735				MICRO-STAR INT'L CO., LTD. MS-V314	
SHEET: GPU POWER				Case: _____ 1.3	
DATE: Mon May 12 10:10:03 2014		REV: 01		Date: Thursday, Mar 26, 2015 Page: 1 of 2	
SHEET NUMBER: 12 OF 25		TITLE:		ANTKOLIA L3 PRO OS x32	
DOCUMENT NAME: USB-PClean-Data					

(13) GND



AND: PLATFORM SOLUTIONS ENG. 7171 SOUTHWEST PKWY AUSTIN, TX 78735				MICRO-STAR INT'L CO., LTD.	
SHEET: GPU GND		REV: 01		MS-V314	
DATE: Mon May 12 19:11:55 2014		SHEET NUMBER: 33 OF 35		Scale: 1:1	
DOC NAME NUMBER: 100-CT600-004		TITLE: ANTIGUA L3 PRO G5 v32		Sheet 33 of 35	

AMD SVI2 POWER CKT - 6+1 PHASE

AMD PLATFORM SOLUTIONS ENG.
7171 SOUTHWEST PKWY
AUSTIN, TX 78735

SHEET: VDDGFX/VDDC CNTL

DATE: Mon May 12 10:11:53 2014

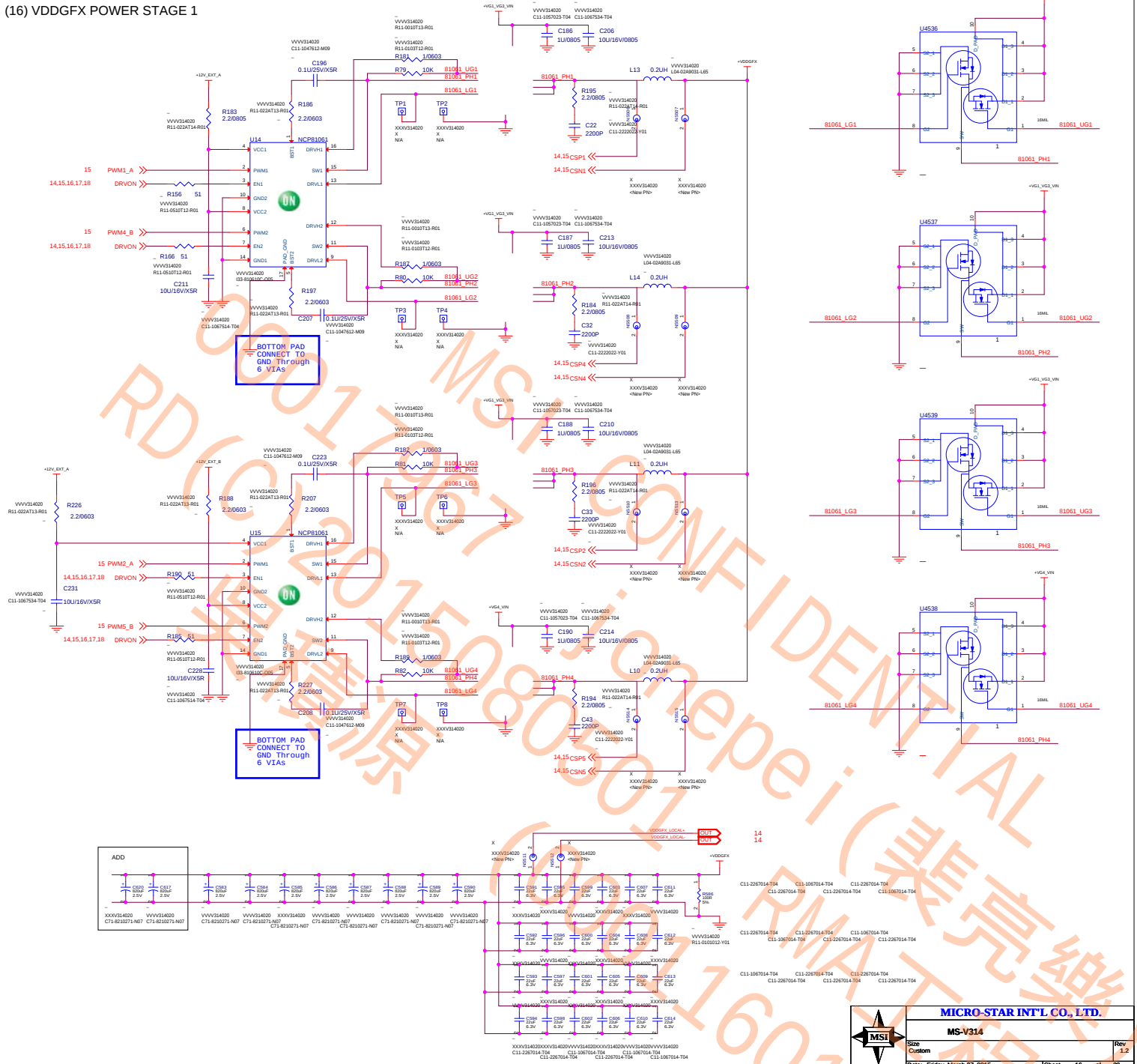
SHEET NUMBER: 34 OF 35

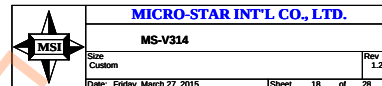
DOC NUMBER: 100-CT7600-00A

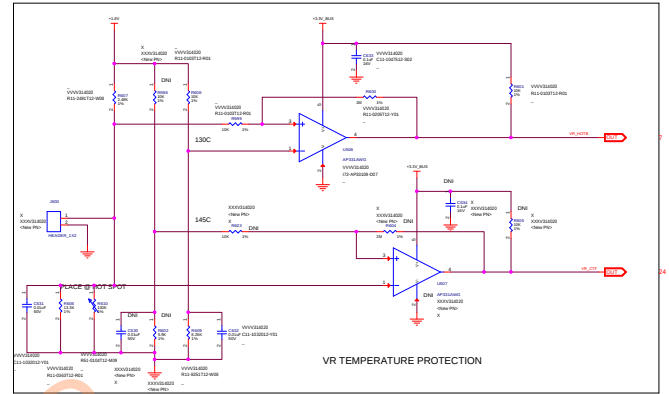
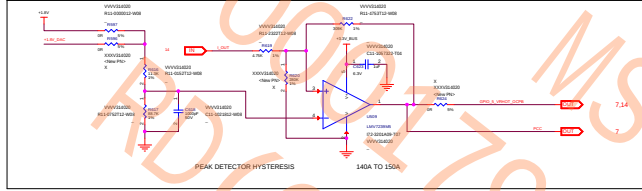
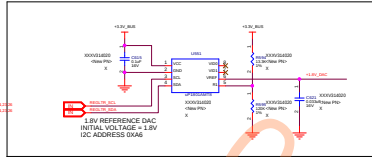
MICRO-STAR INT'L CO., LTD.
MS-V214

TITLE: ANTIGUA L3 PRO G5 x32

(16) VDDGFX POWER STAGE 1

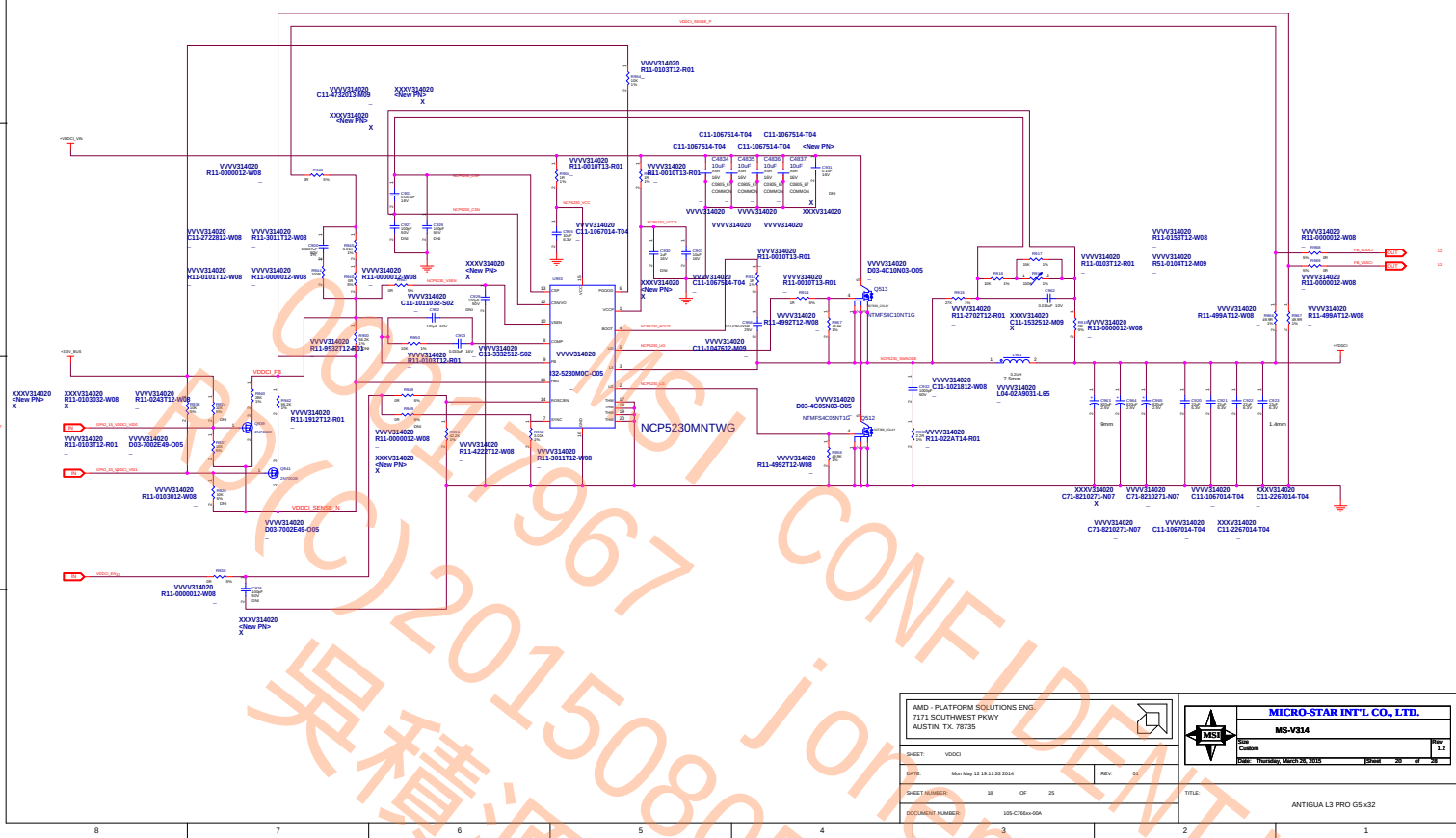


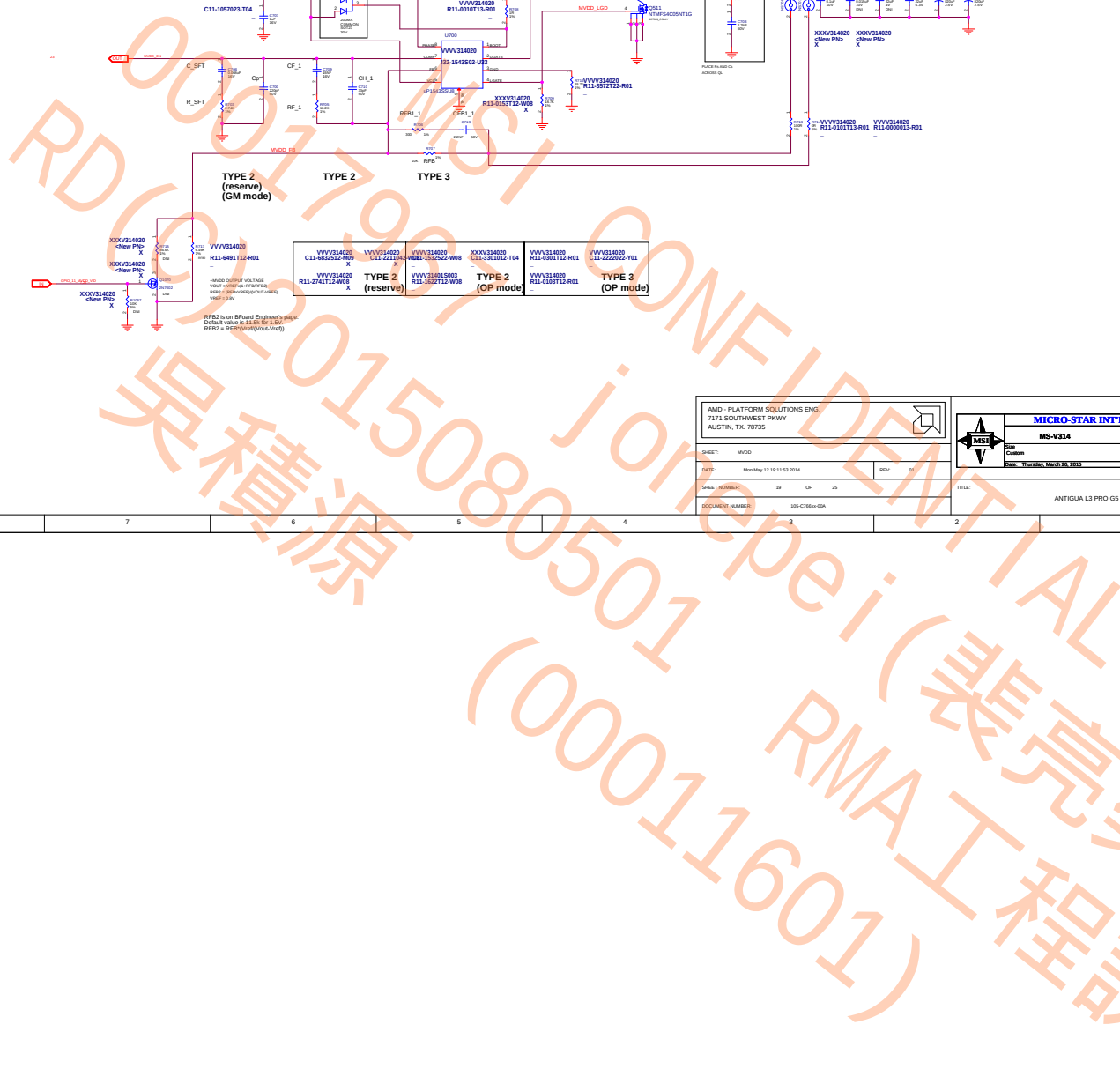
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AMD PLATFORM SOLUTIONS ENG. 7171 SOUTHWEST PKWY AUSTIN, TX 78735	
SHEET: PCC VRHOT	REV: 01
DATE: Mon May 12 19:11:53 2014	
SHEET NUMBER: 17	OF 25
DOC NAME NUMBER: 105-CT7600-004	

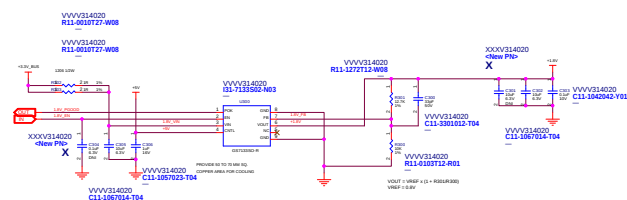
MICRO-STAR INT'L CO., LTD.	
MS-V314	1.2
Rev: 01	1.2
Created: 2014/05/12	1.2
ANTIGUA L3 PRO G5 v32	



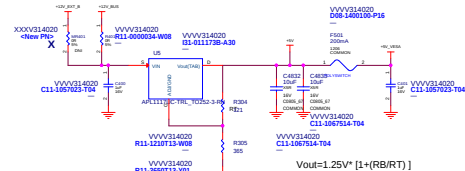


AMD - PLATFORM SOLUTIONS ENG 7112 SOUTHWEST HWY AUSTIN, TX 78735				MICRO-STAR INT'L CO., LTD. MS-V314	
SHEET: M450				Date: _____ Customer: _____ Date: _____ Material: _____ Rev: _____ L.F.: _____	
DATE: Mon May 12 10:15:12 2014		REV: 01			
SHEET NUMBER: 18 OF 25		TITLE:		ANTIGUA LX PRO G5 X32	
DOCUMENT NUMBER: US-PCB-000000					

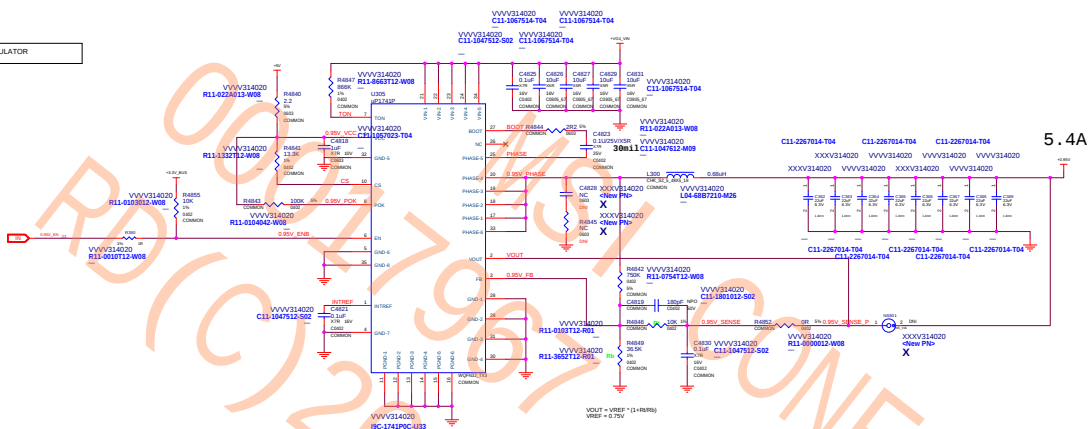
1.8V REGULATOR



5V REGULATOR

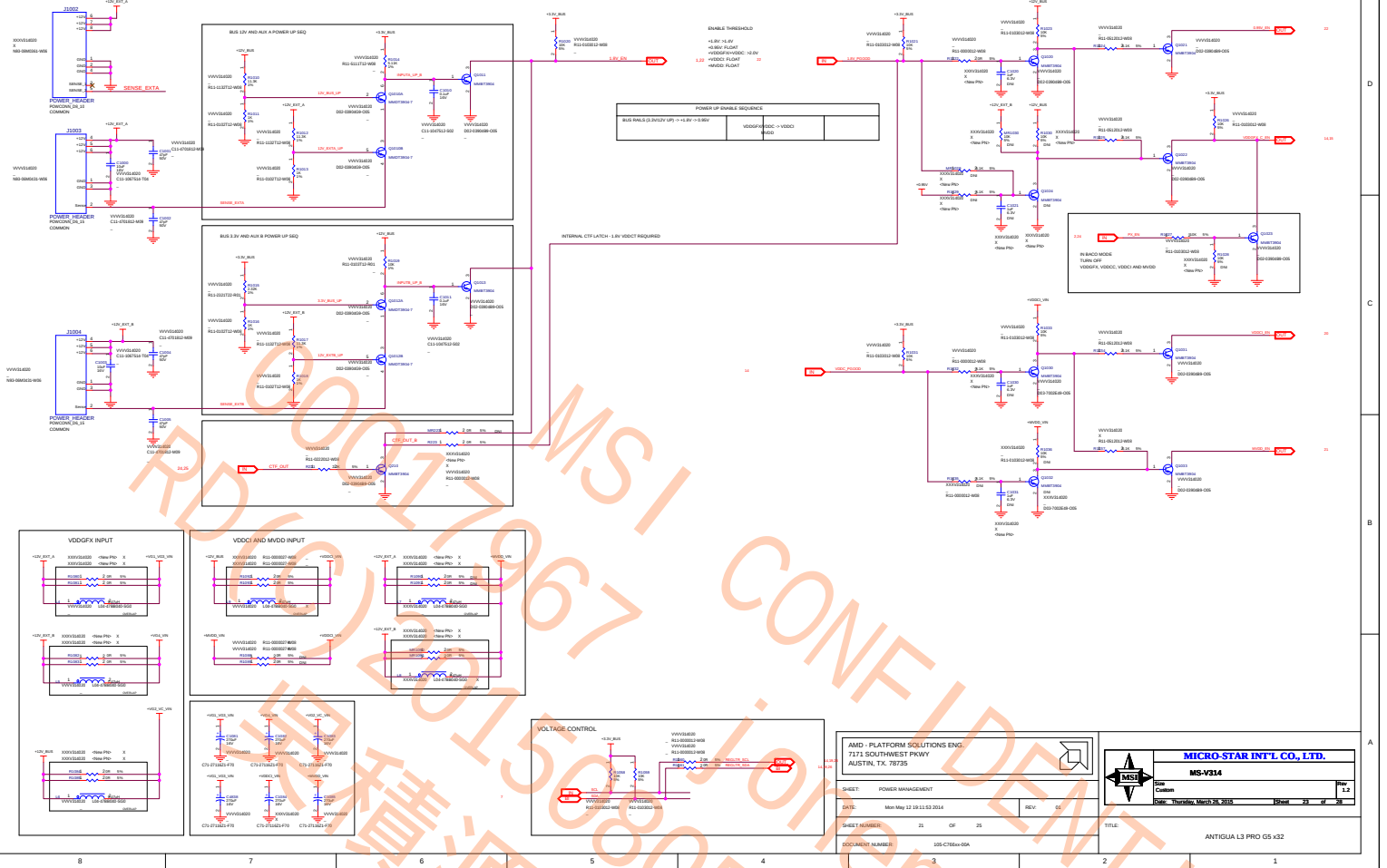


0.95V REGULATOR



AMD - PLATFORM SOLUTIONS ENG. 7111 SOUTHWEST HWY AUSTIN, TX 78735			MICRO-STAR INT'L CO., LTD. MS-V314		
SHEET	SMALL PANEL REGULATOR		Size Custom	Rev 1.1	
DATE	Mon May 12 16 11:53 2014		REV	EN	Date Shipped: Month 3 2014 Status
SHEET NUMBER	20 OF 25		TITLE		
DOCUMENT NAME		ANTIGUA L3 PRO G5 K32			

(23) POWER MANAGEMENT



AMD - PLATFORM SOLUTIONS ENG
7171 SOUTHWEST PKWY
AUSTIN, TX. 78735

SHEET: POWER MANAGEMENT

DATE: Mon May 12 10:11:53

SHEET NUMBER: 25

DOCUMENT NUMBER:



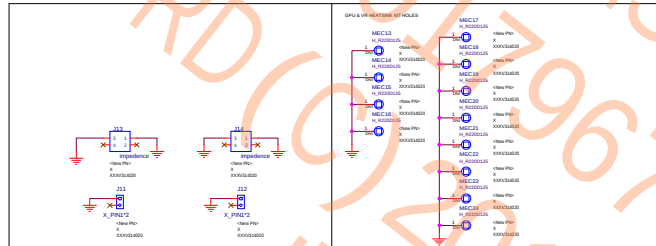
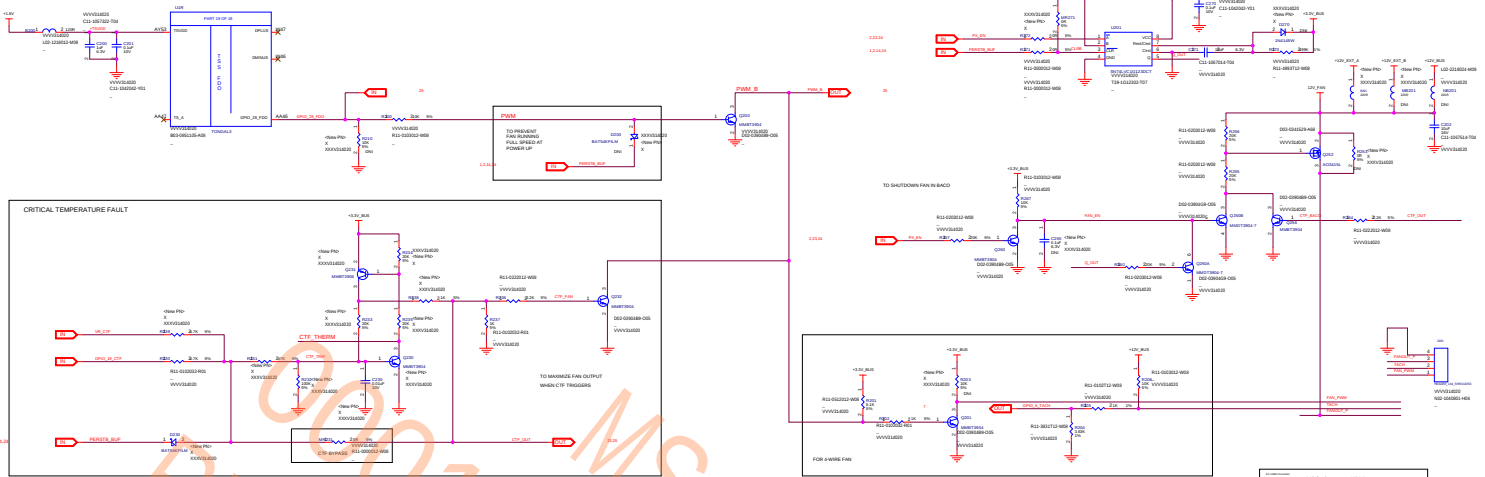
MICRO-STAR INT'L CO., LTD.

ME 1/23/4

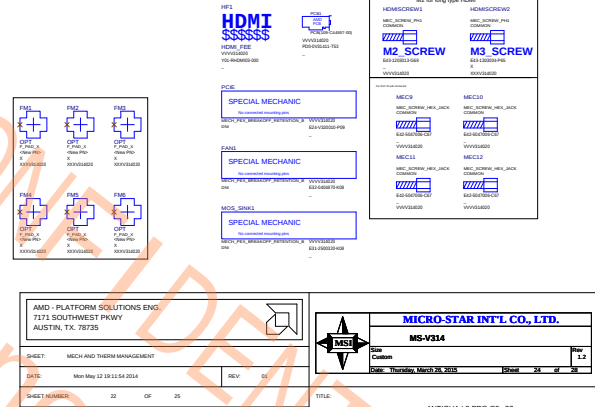
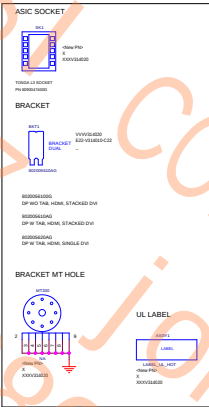
100

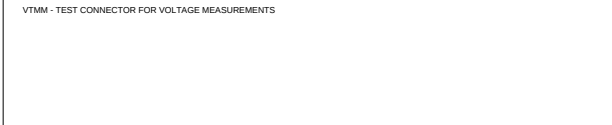
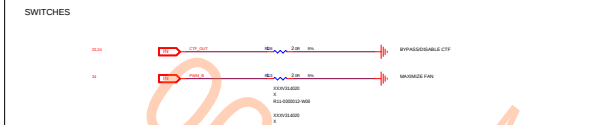
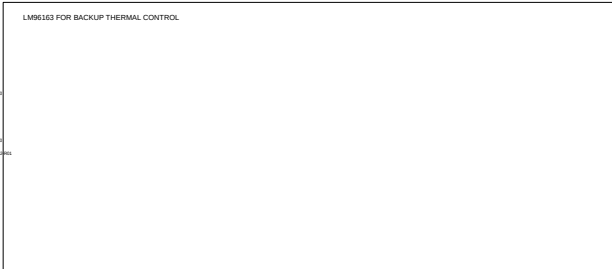
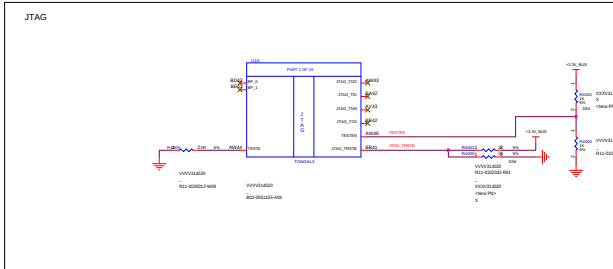
Monday, March 20,

ANTIGUA L3 PRO G5 x32

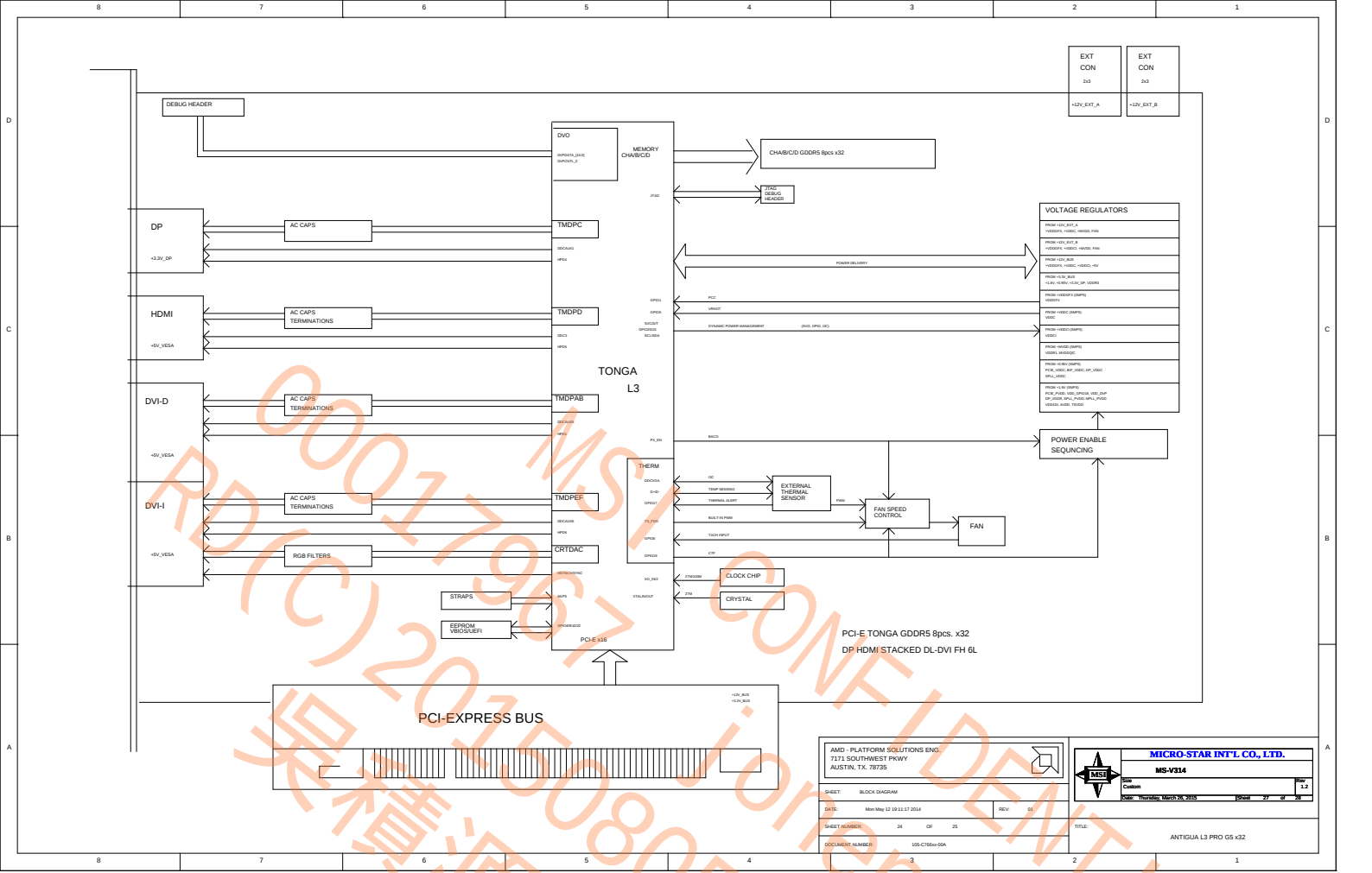


			Single Ended 45 Ohm +/- 50hm	Single Ended 50 Ohm +/- 10%	Differential 80 Ohm +/- 10%	Differential 85 Ohm +/- 10%
Vias	Layer	Ref Plane	Target LW mm [mils] (3)	Target LW mm [mils] (3)	Target LW/SP mm [mils] (3)	Target LW/SP mm [mils] (3)
	L1	L2	0.1900 [5.12]	0.1900 [4.00]	0.1900 [5.12] [5.127.09]	0.1100 [5.1400 [4.13/5.51]
	L2					
	L5					
	L6	L5	0.1900 [5.12]	0.1020 [4.02]	0.1300 [5.1600 [5.177.09]	0.1100 [5.1400 [4.31/5.51]





AMD - PLATFORM SOLUTIONS ENG. 7171 SOUTHWEST PKWY AUSTIN, TX 78735				MICRO-STAR INT'L CO., LTD. MS-V314 Rev. C000001 Date: Thursday, March 26, 2015	
SHEET: DEBUG CIRCUIT		REV: 01		1.2	
DATE: Mon May 12 10:11:54 2014		SHEET NUMBER: 25 OF 25		TITLE: ANTIGUA L3 PRO G5 v32	
DOCUMENT NUMBER: 100-CT000-000					



AMD PLATFORM SOLUTIONS ENG. 7171 SOUTHWEST PKWY AUSTIN, TX 78735			
SHEET: BLOCK DIAGRAM		REV: 01	
DATE: Mon May 12 19:11:17 2014	SHEET NUMBER: 24 OF 25	TITLE: ANTIGUA L3 PRO G5 x32	
DOC NUMBER: 100-CT7800-00A		MICRO-STAR INT'L CO., LTD. MS-V314 Version: 1.0 Date: 2014.05.12	

