AC701 EVALUATION BOARD HW-A7-AC701 (XC7A200T-FBG676)

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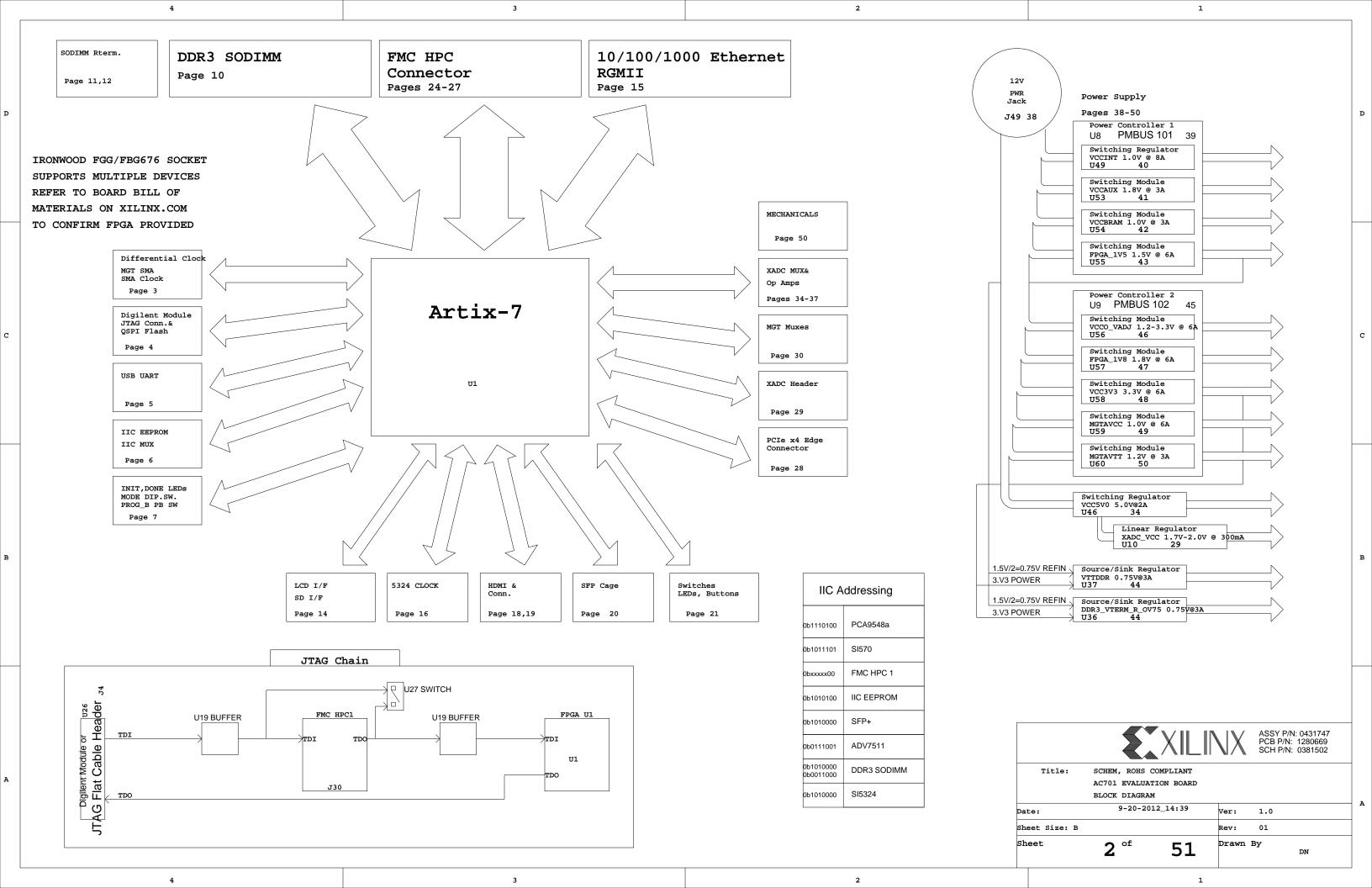
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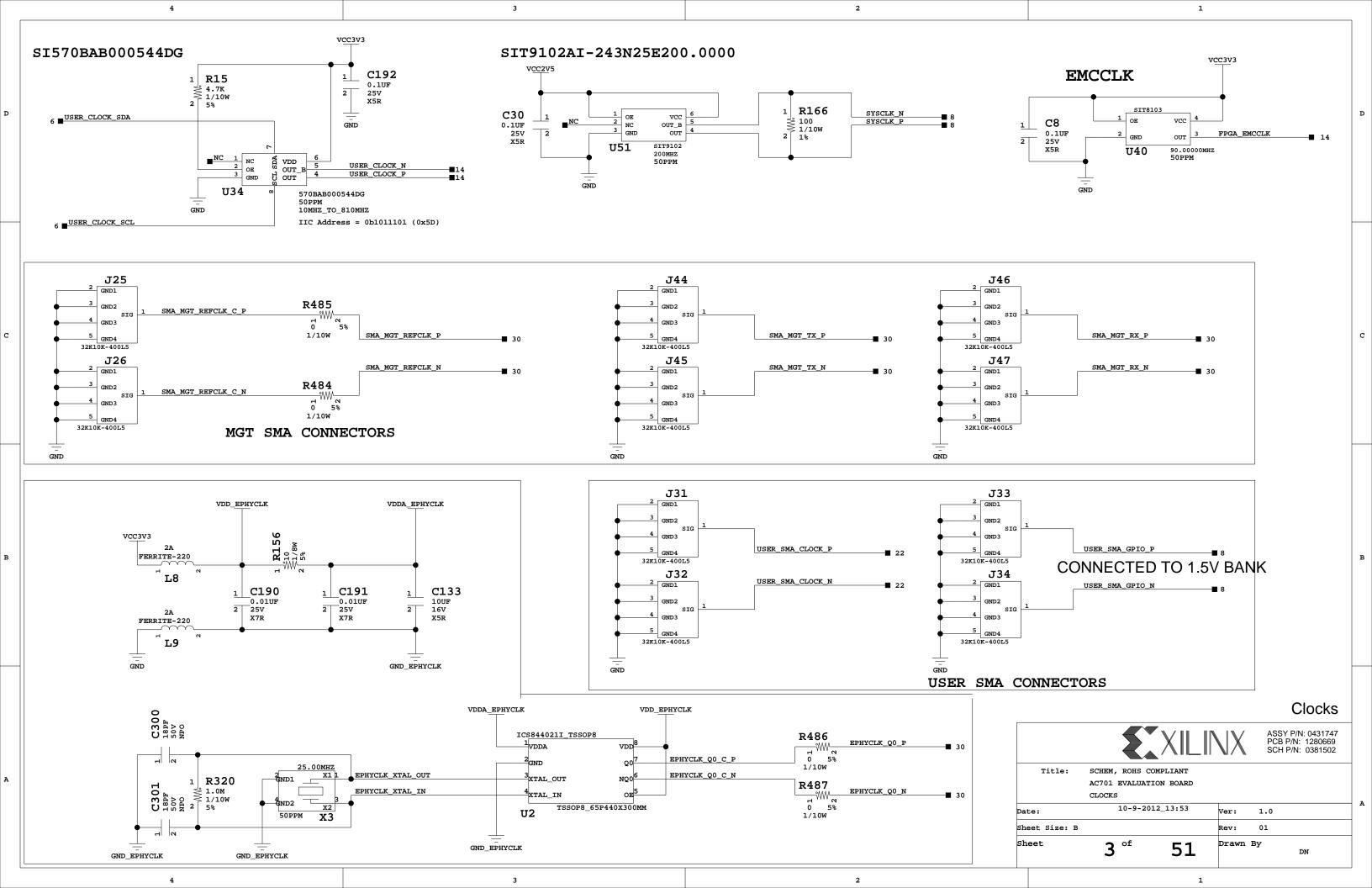
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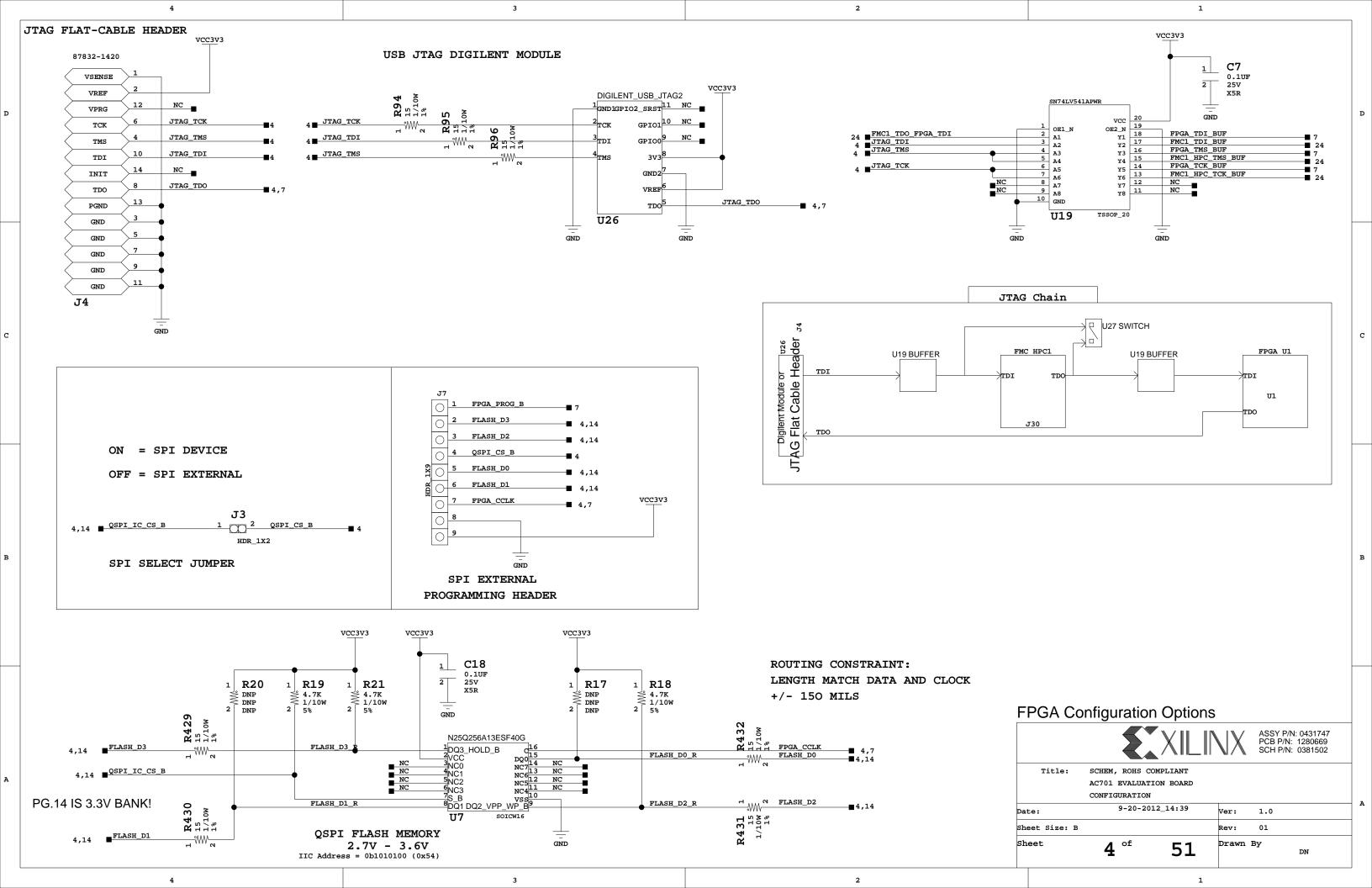
Title: SCHEM, ROHS COMPLIANT
AC701 EVALUATION BOARD
DISCLAIMER

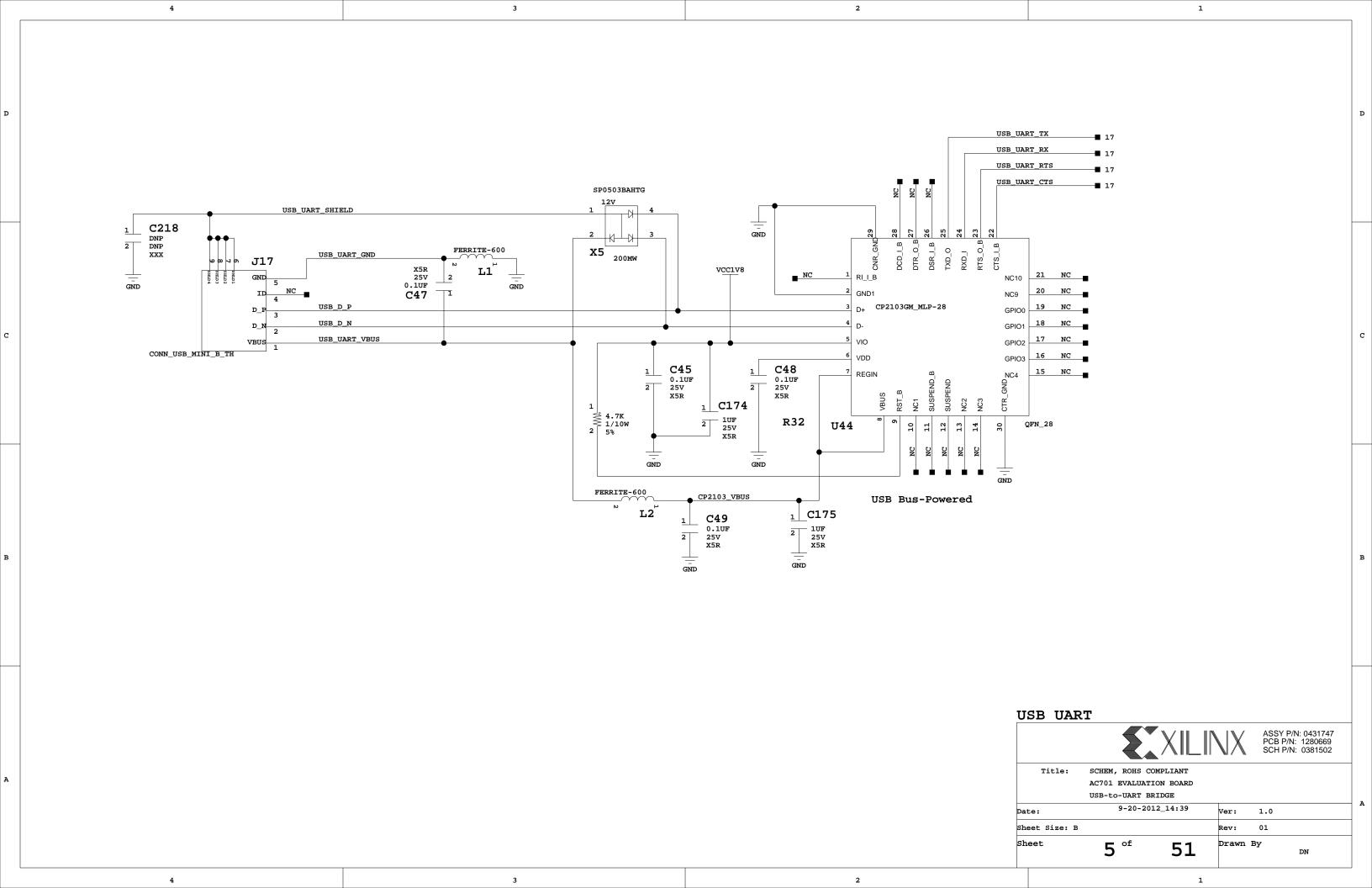
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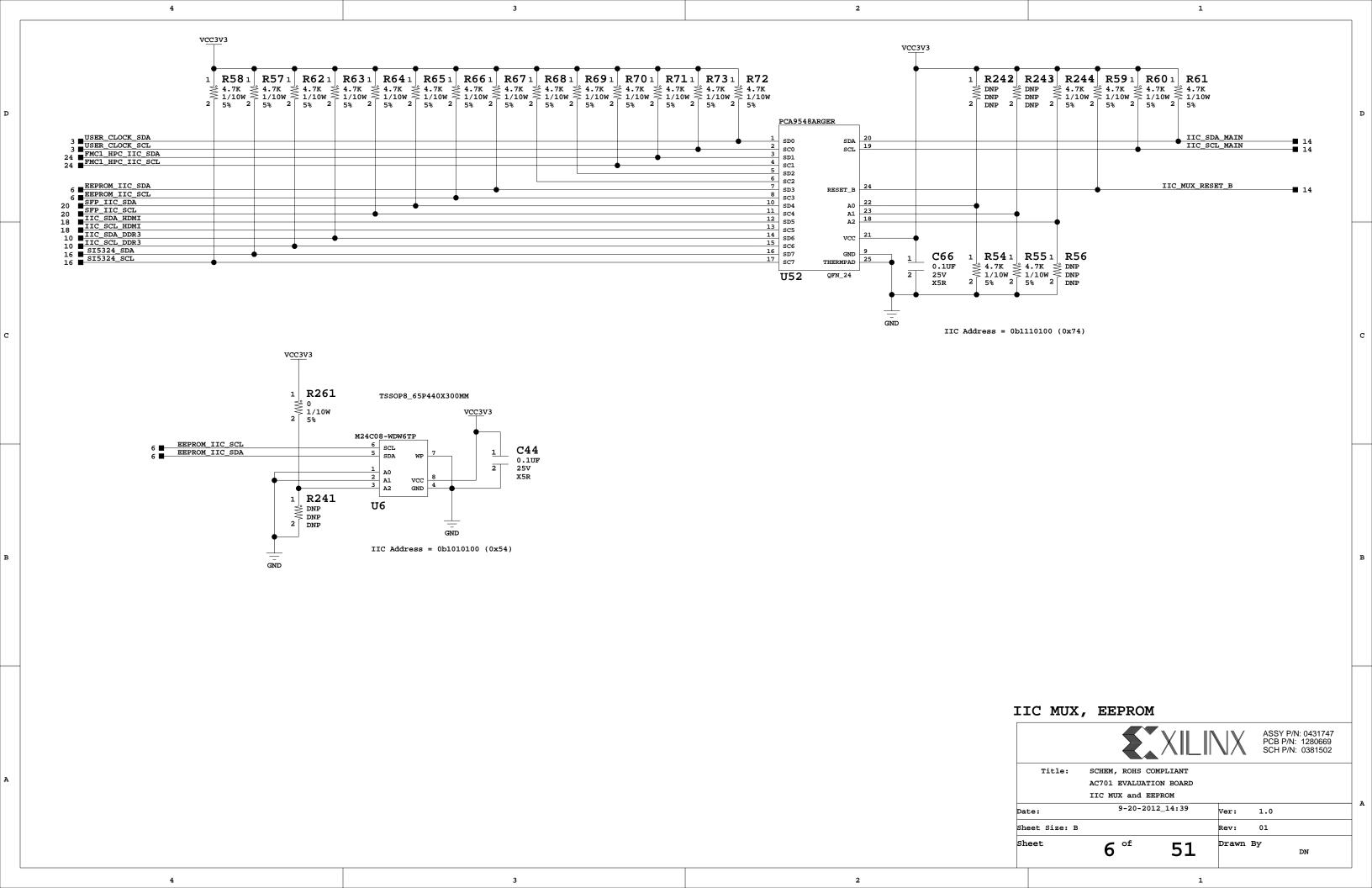
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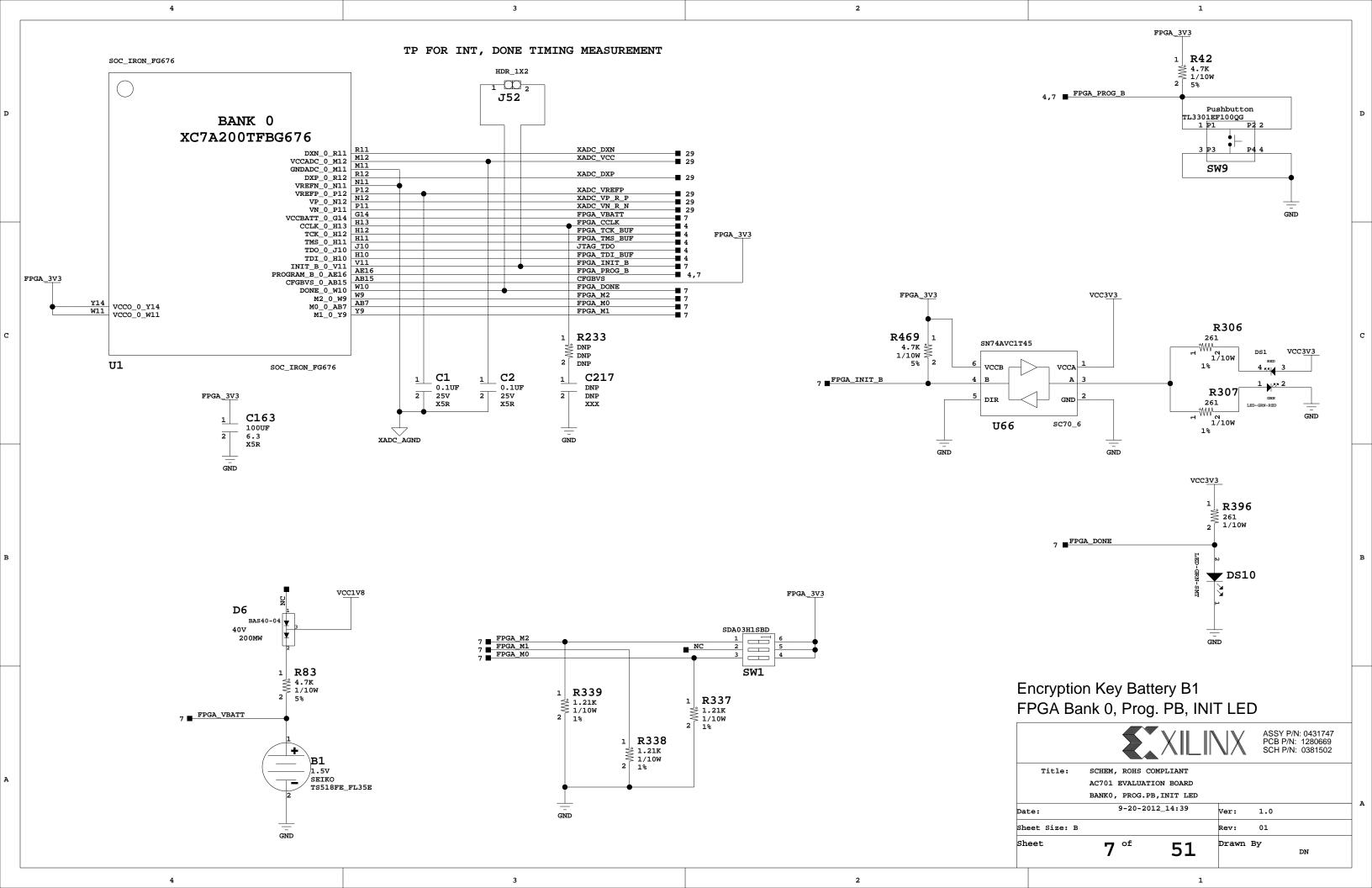


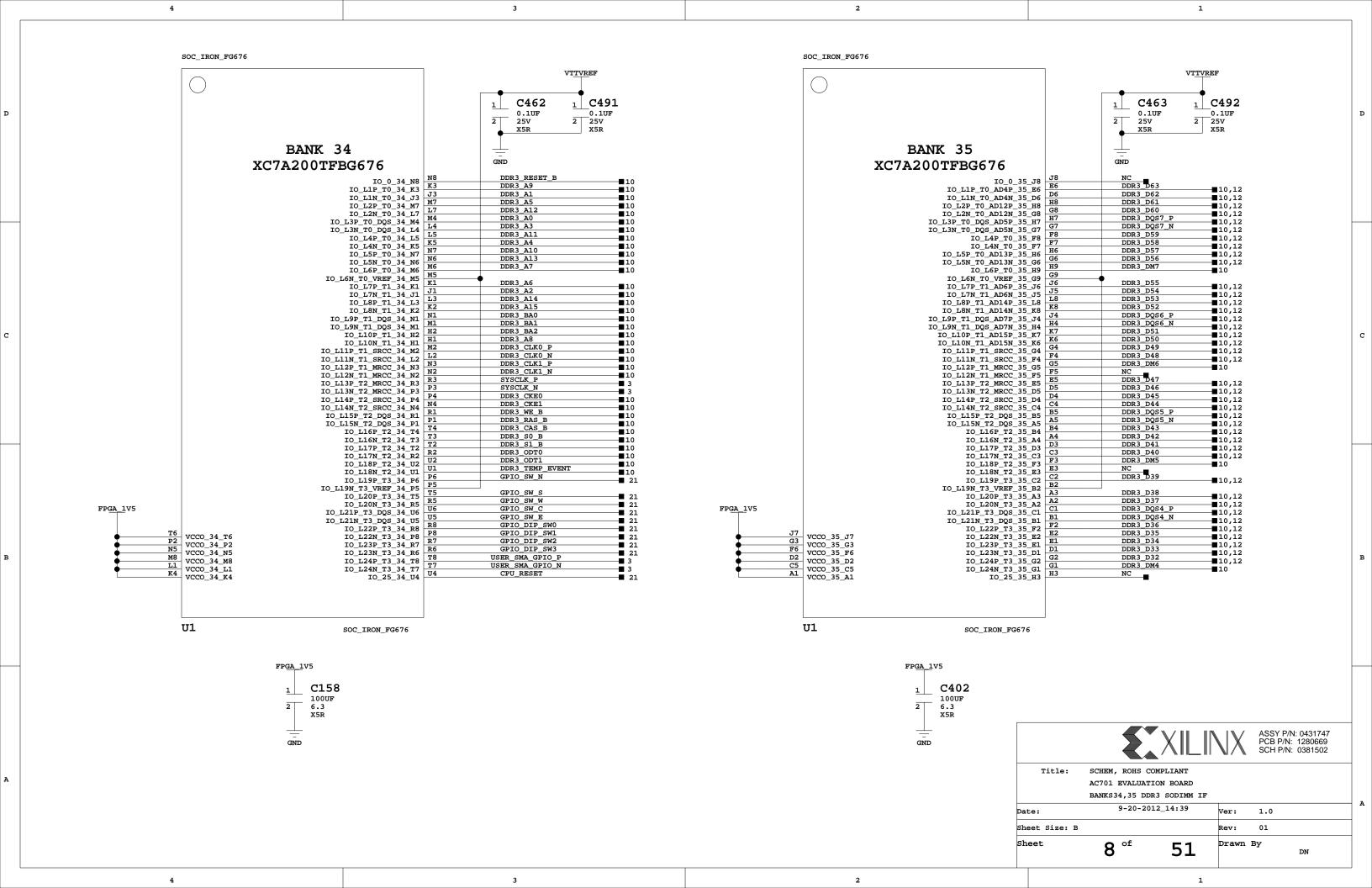


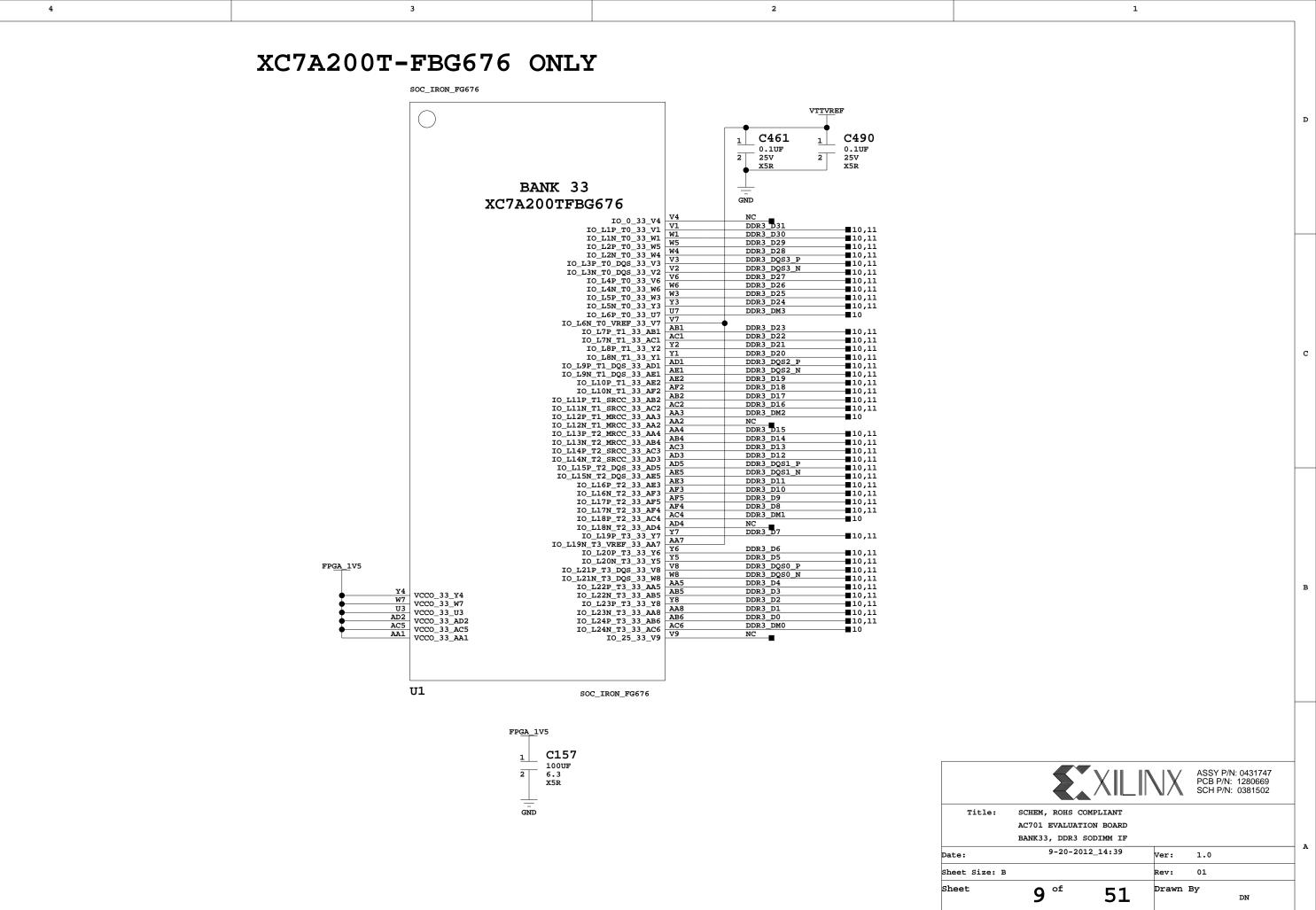


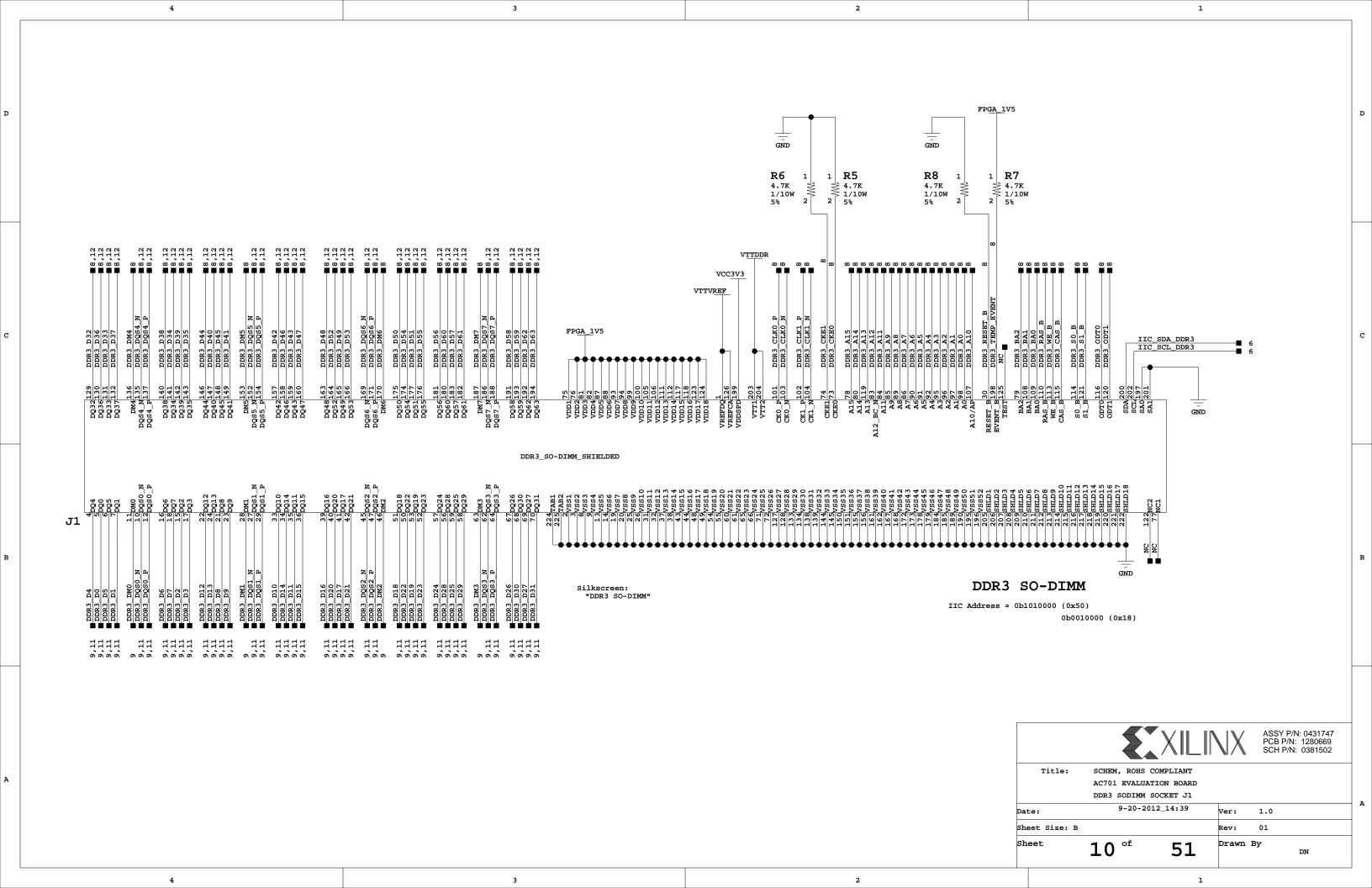


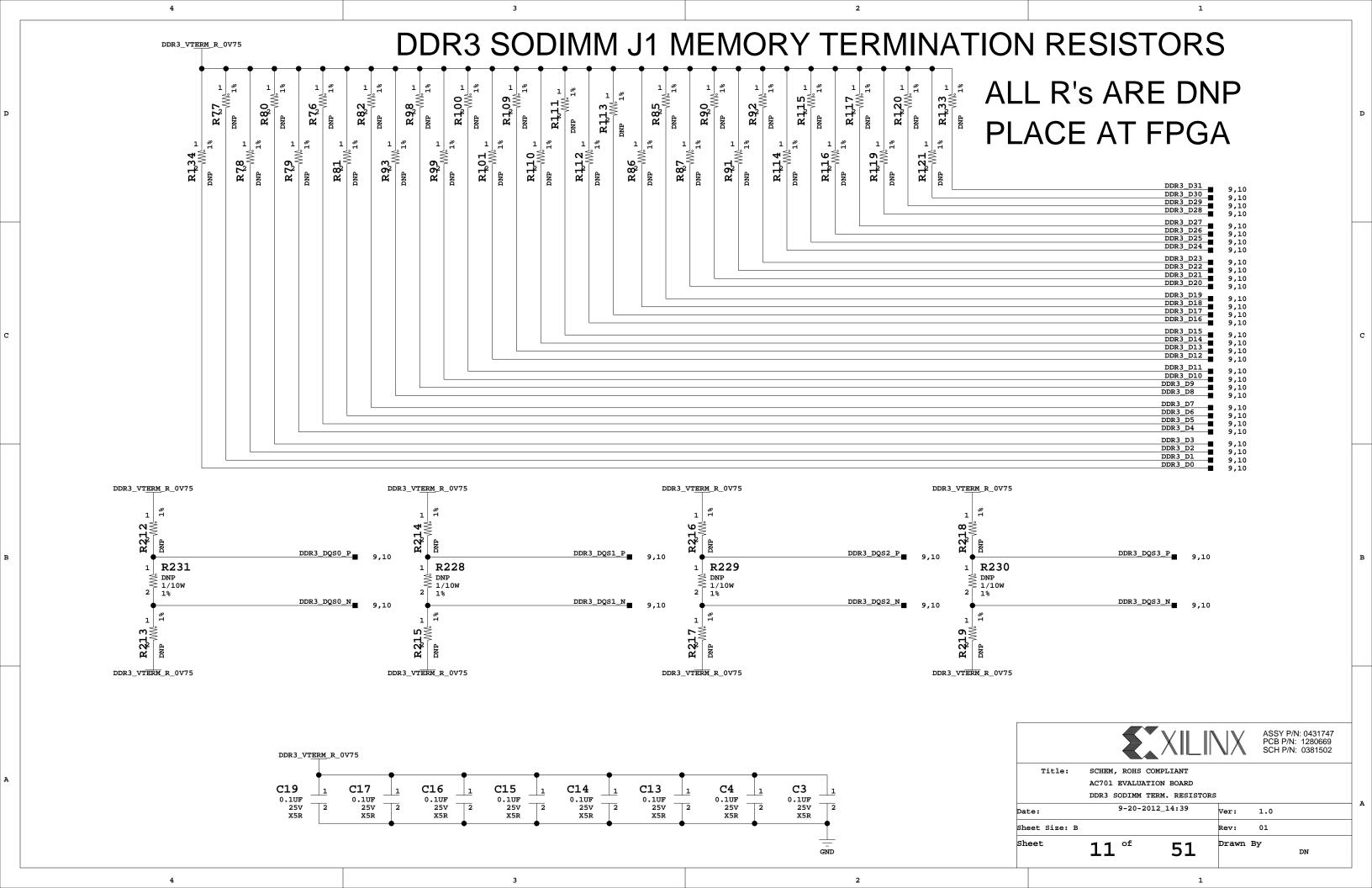


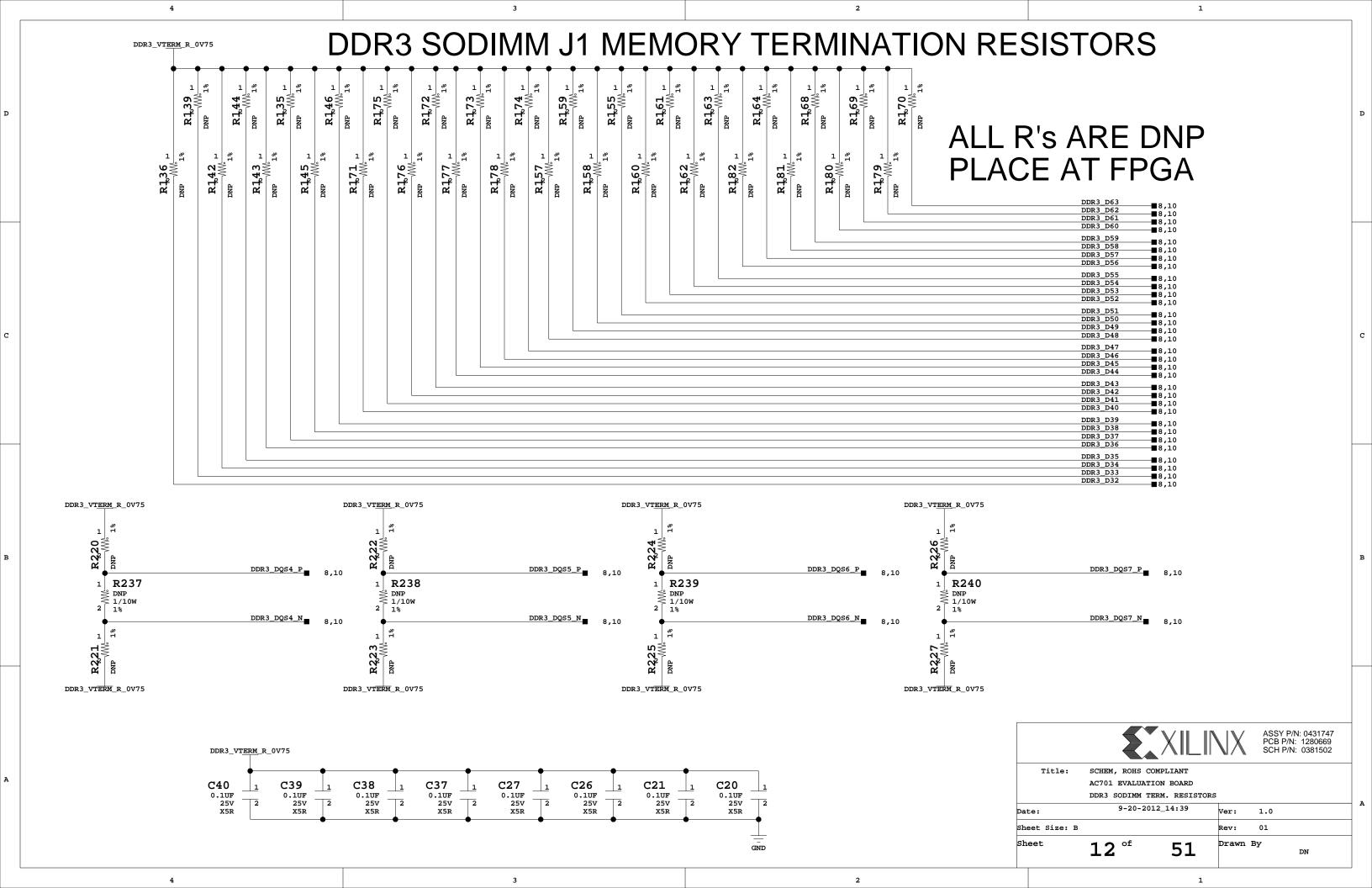




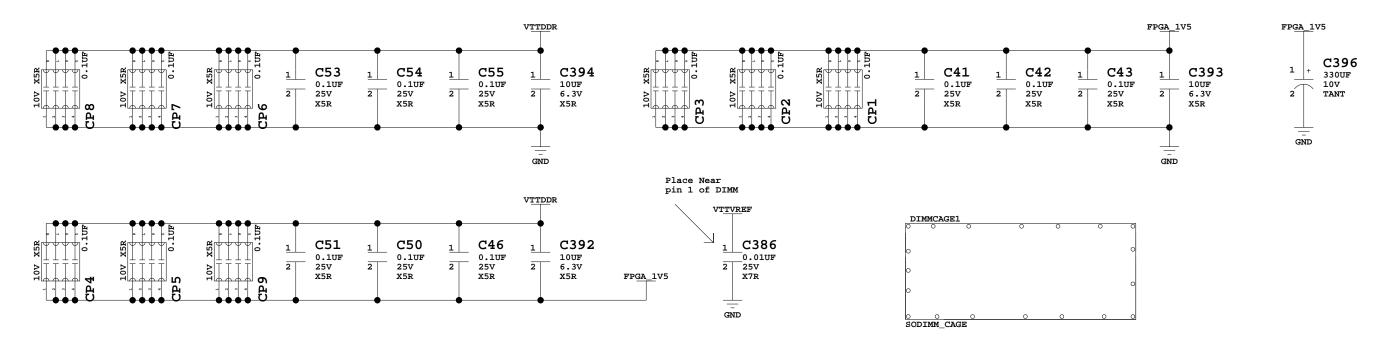


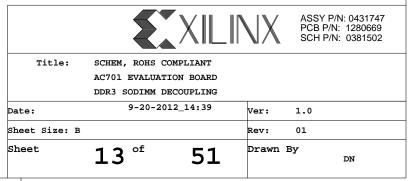


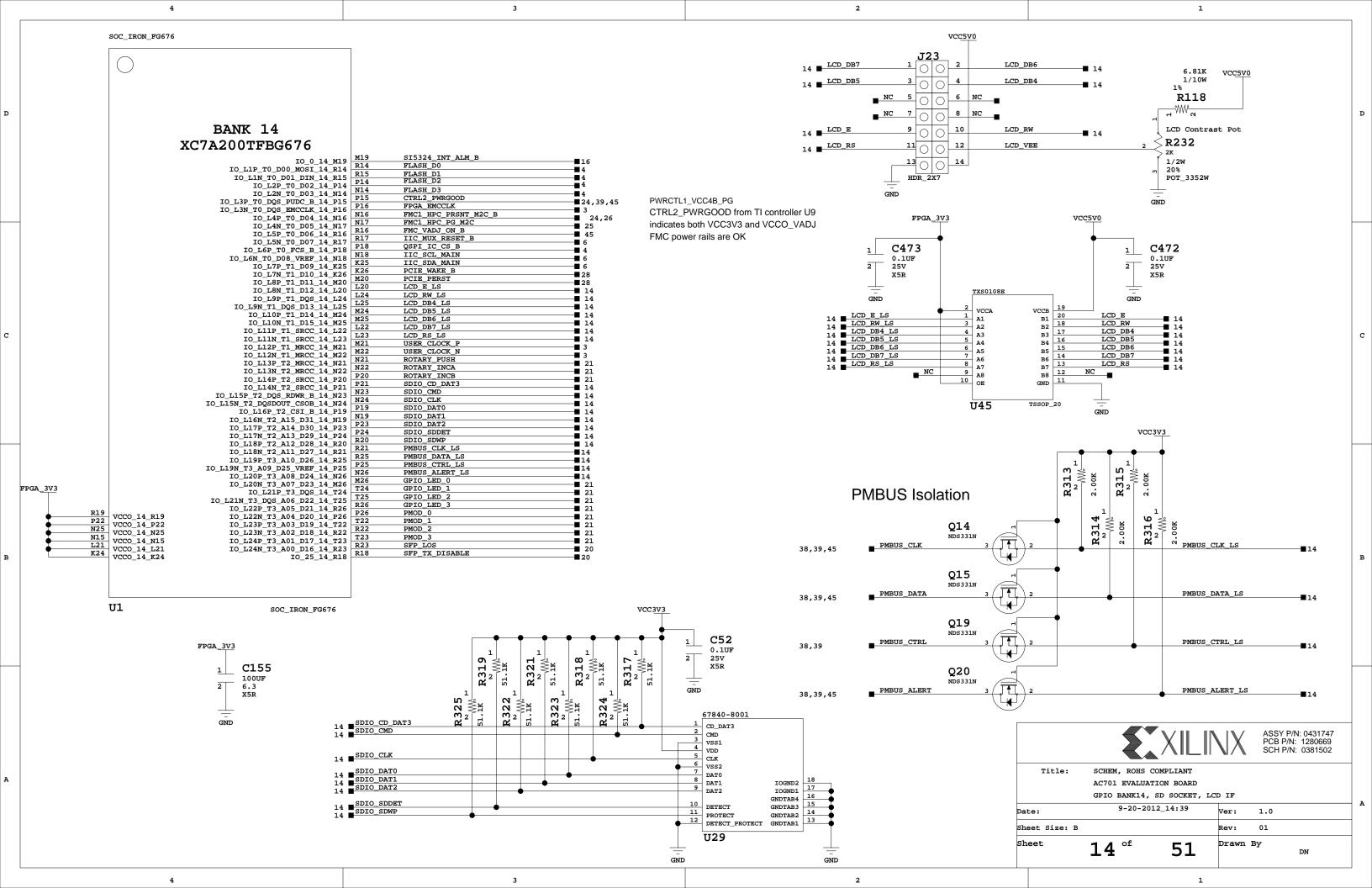


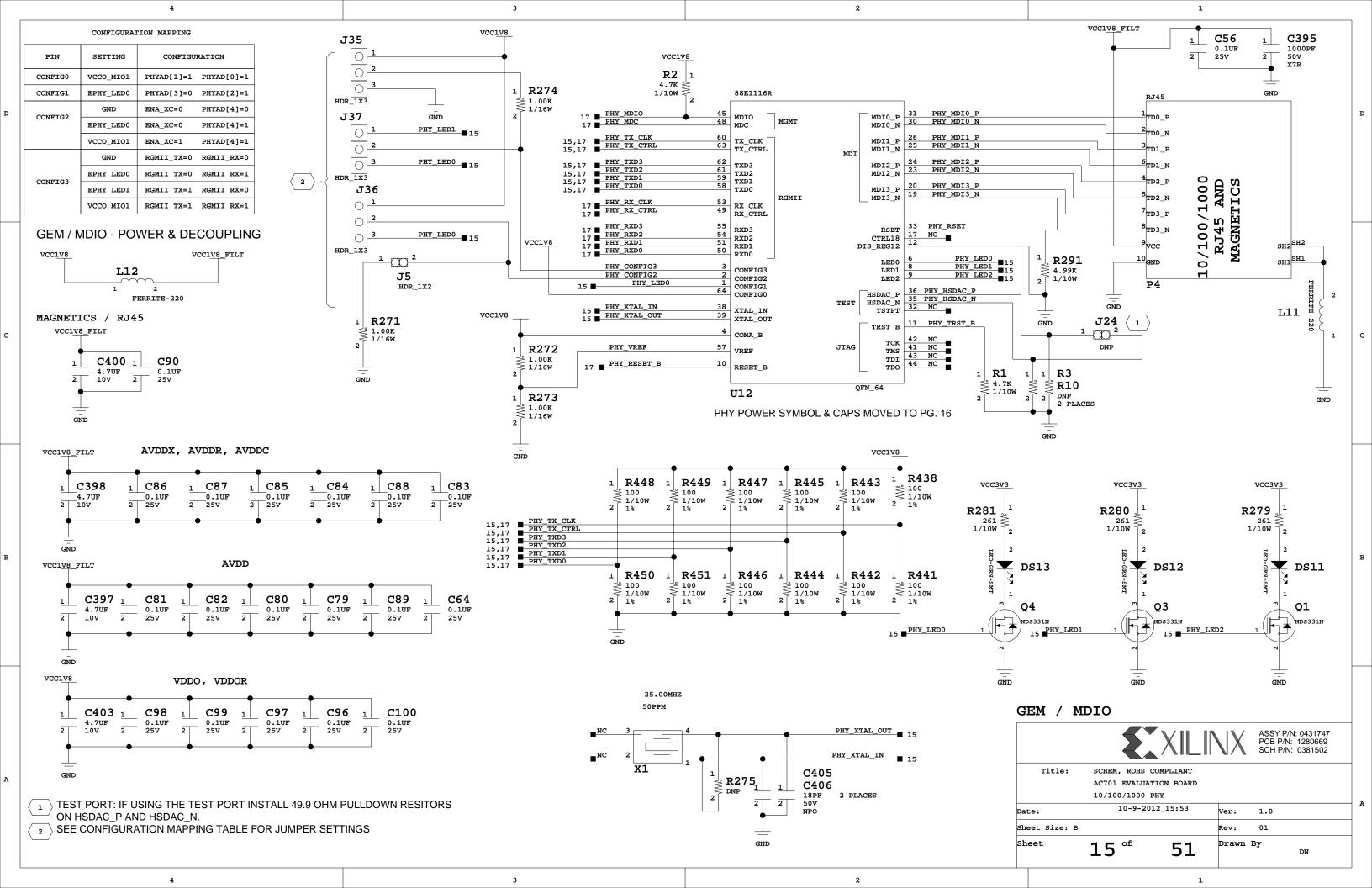


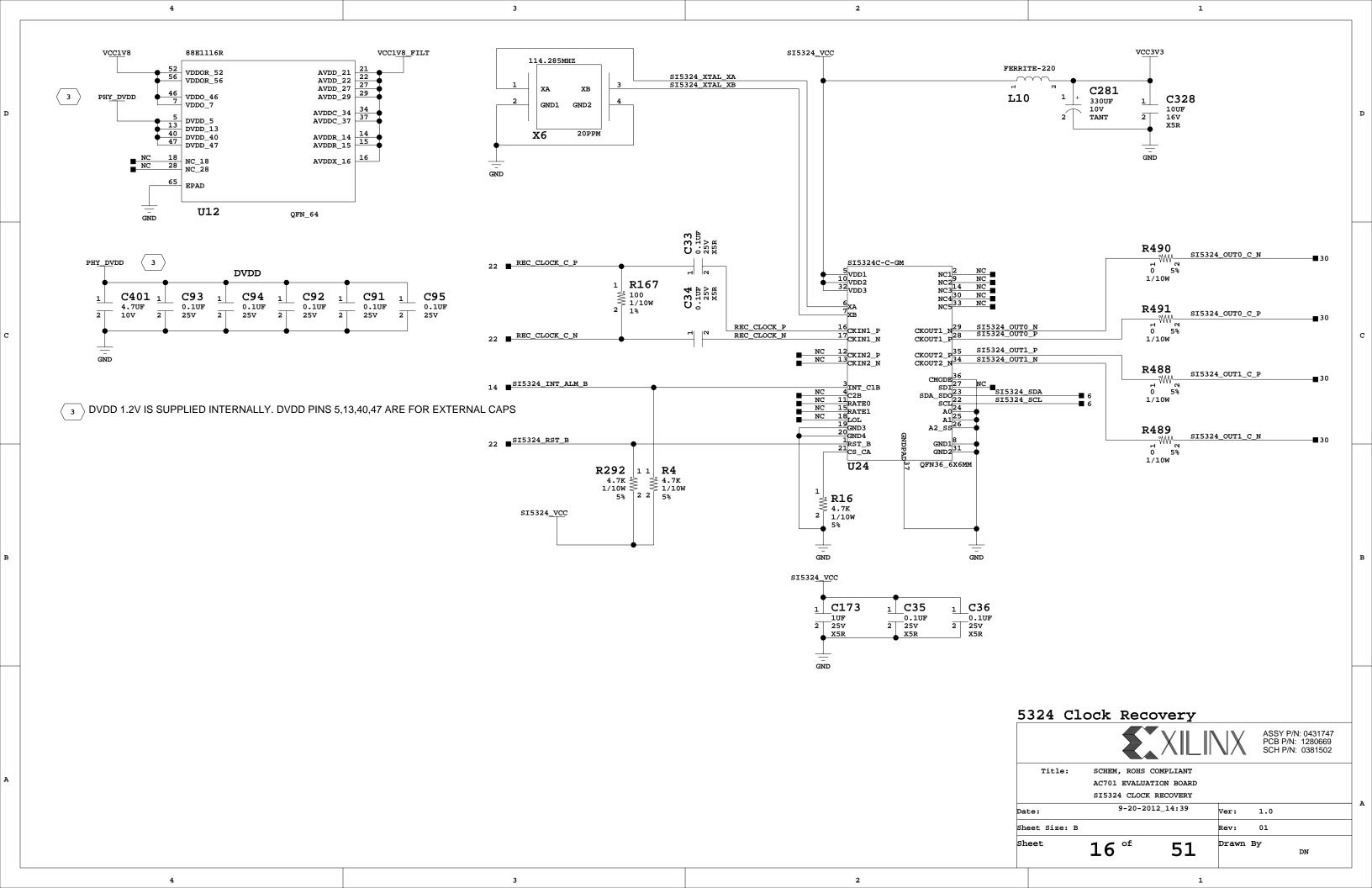
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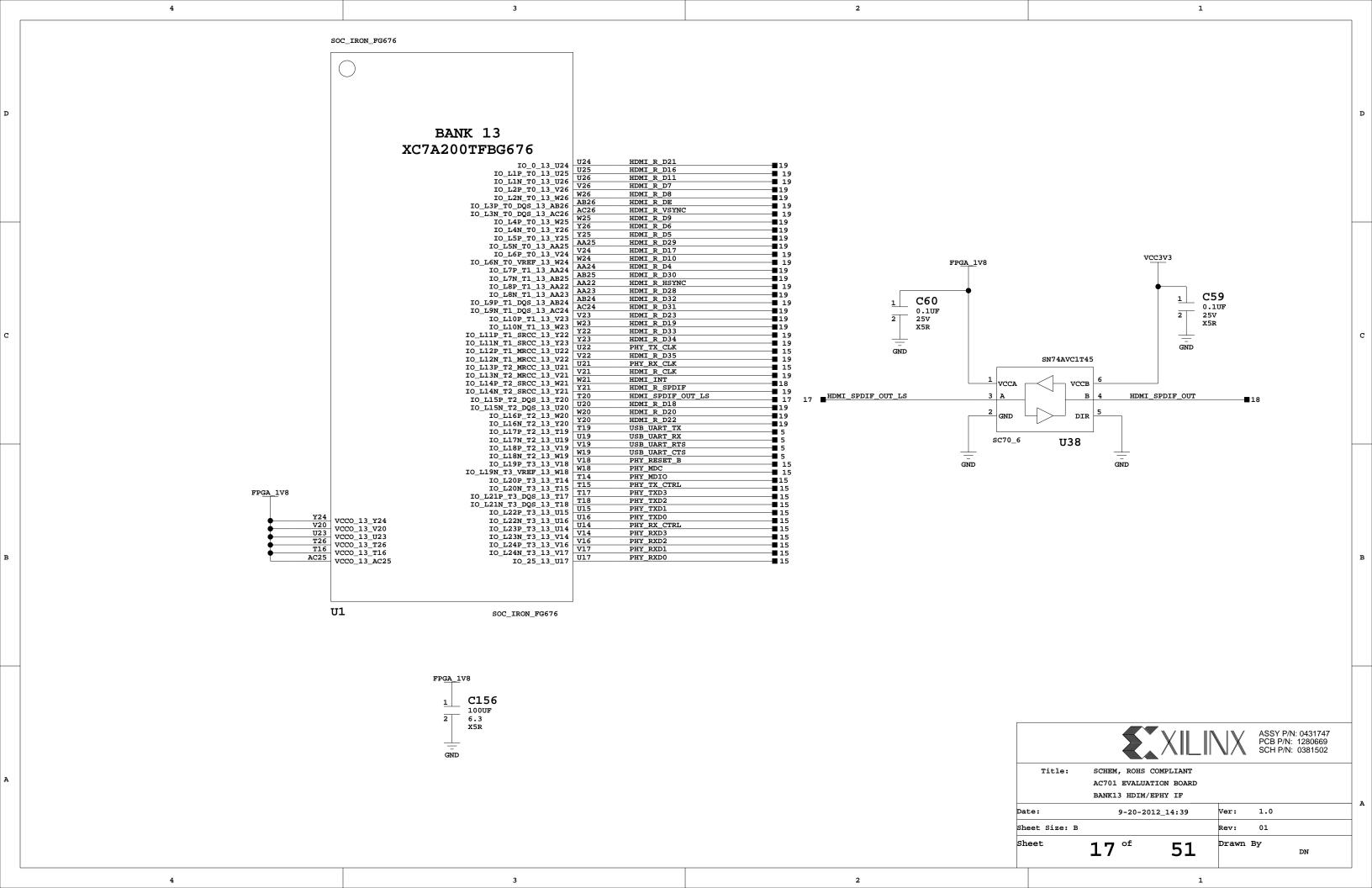


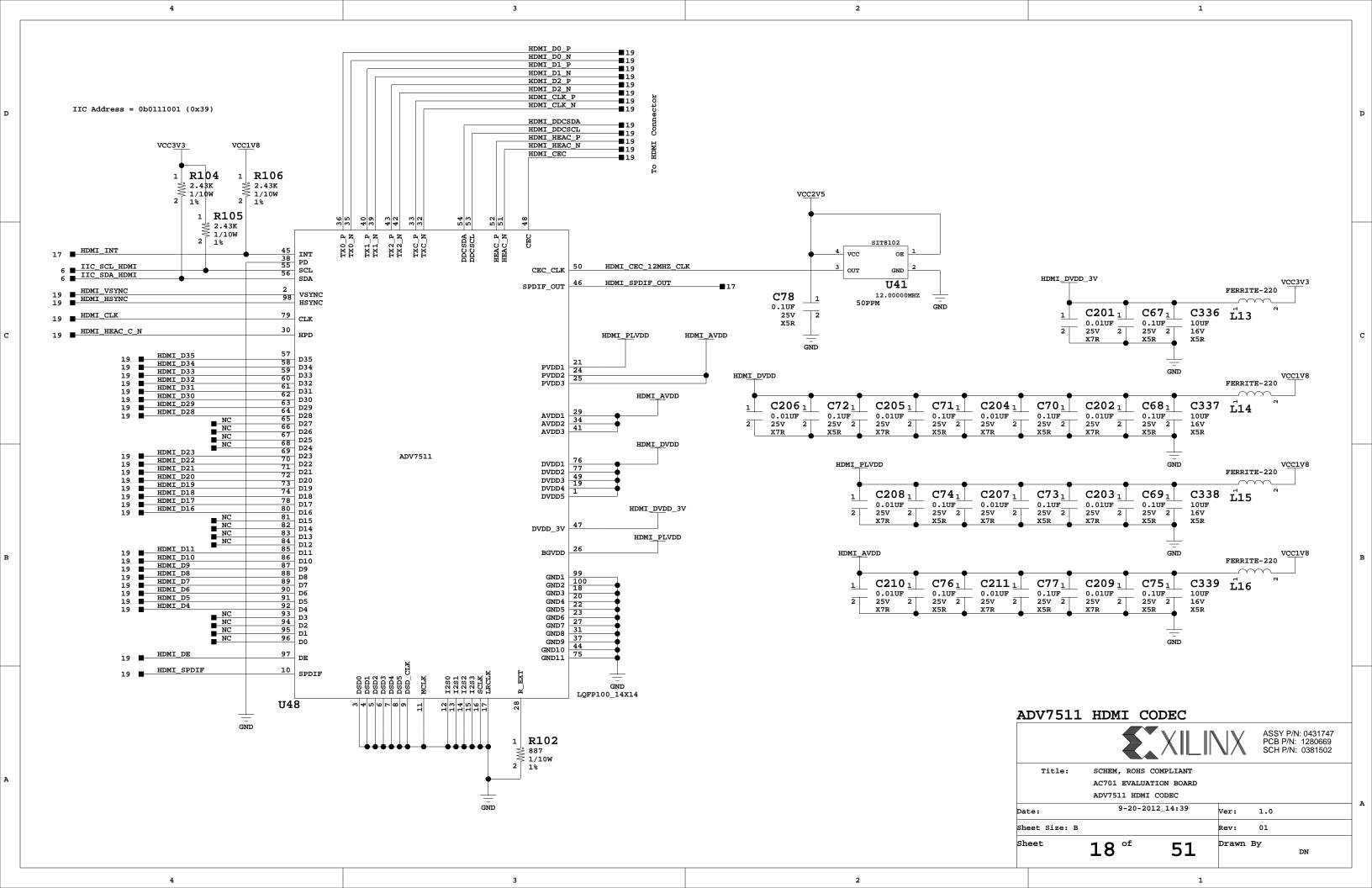


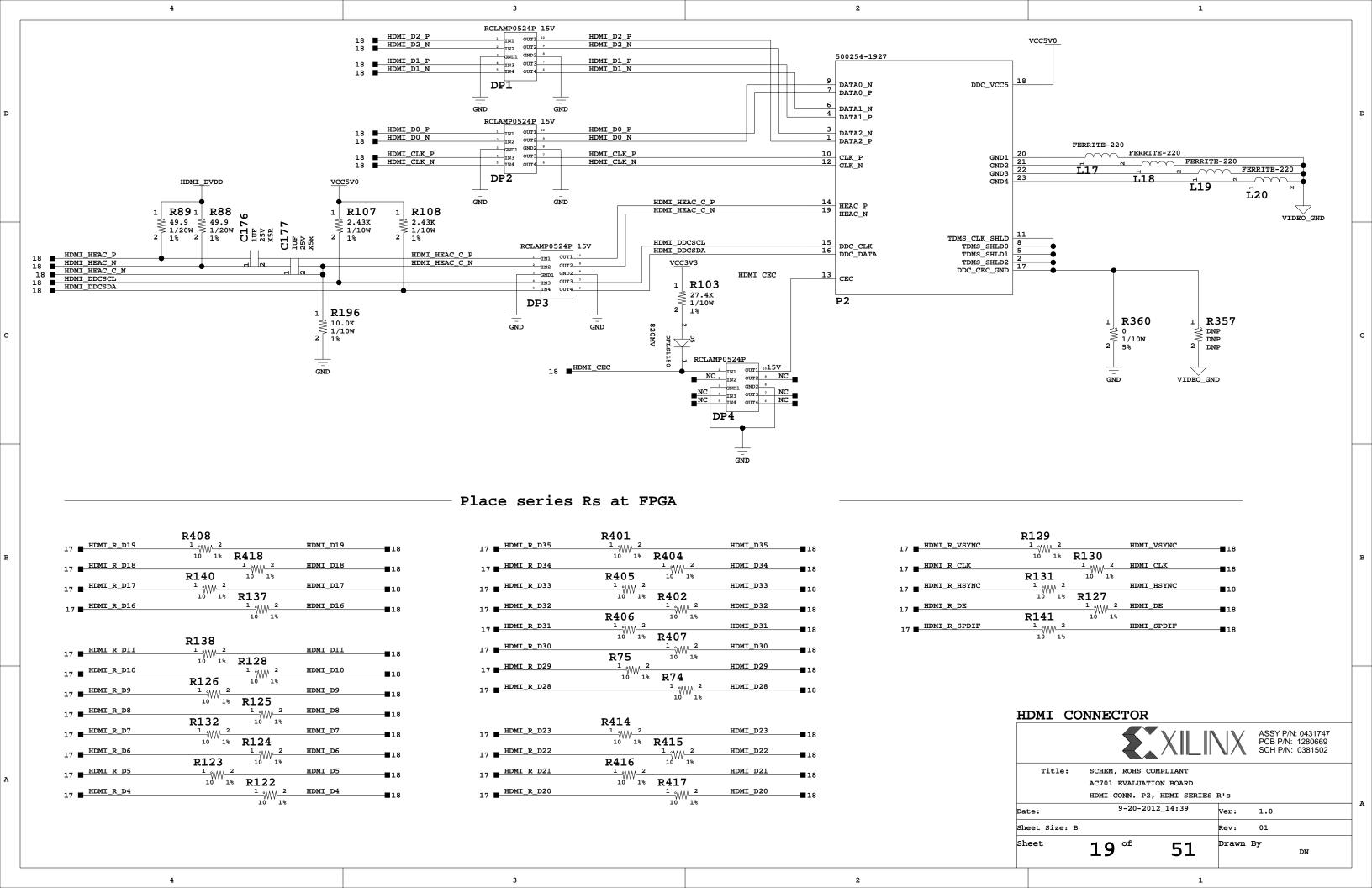


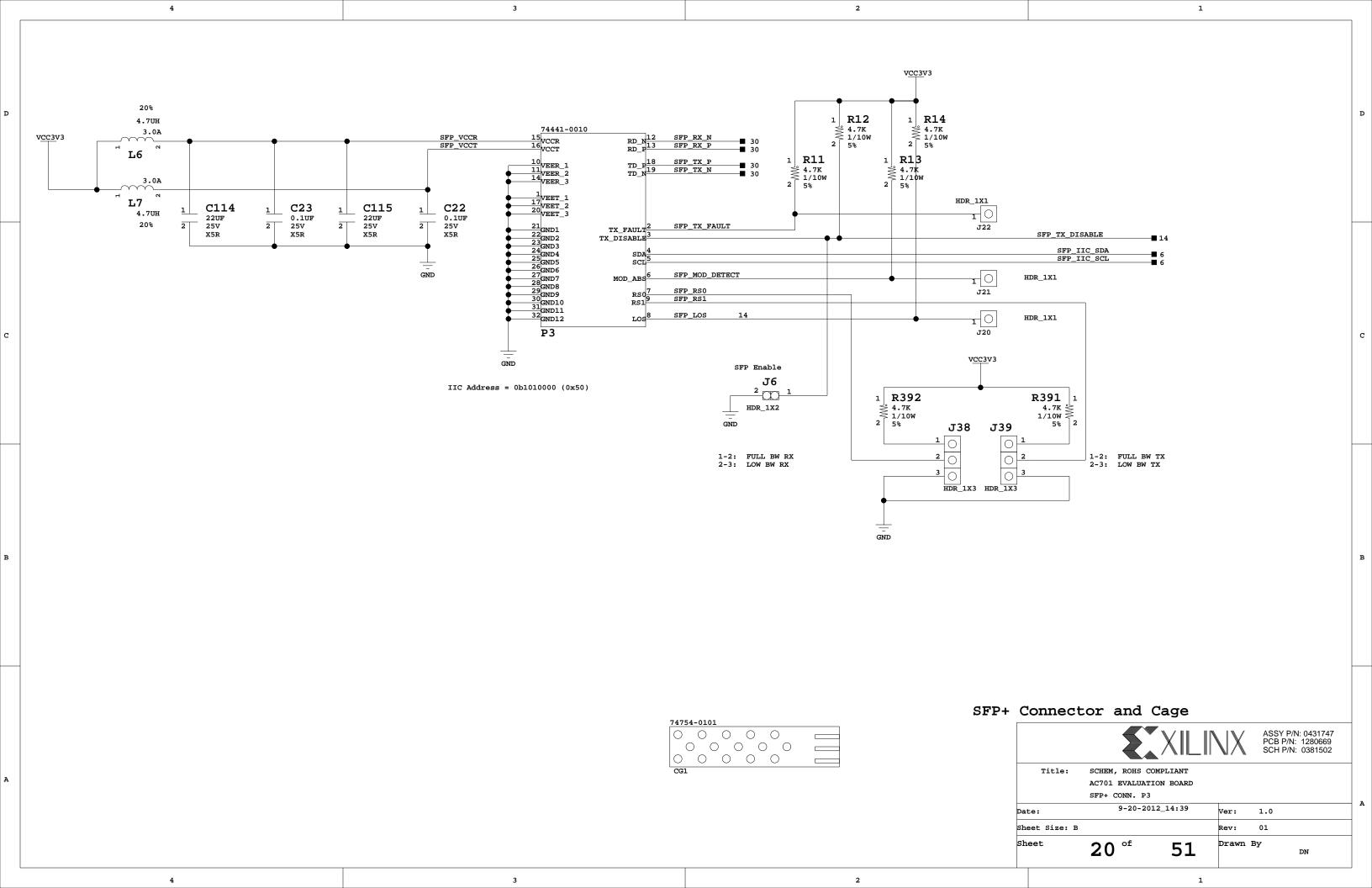


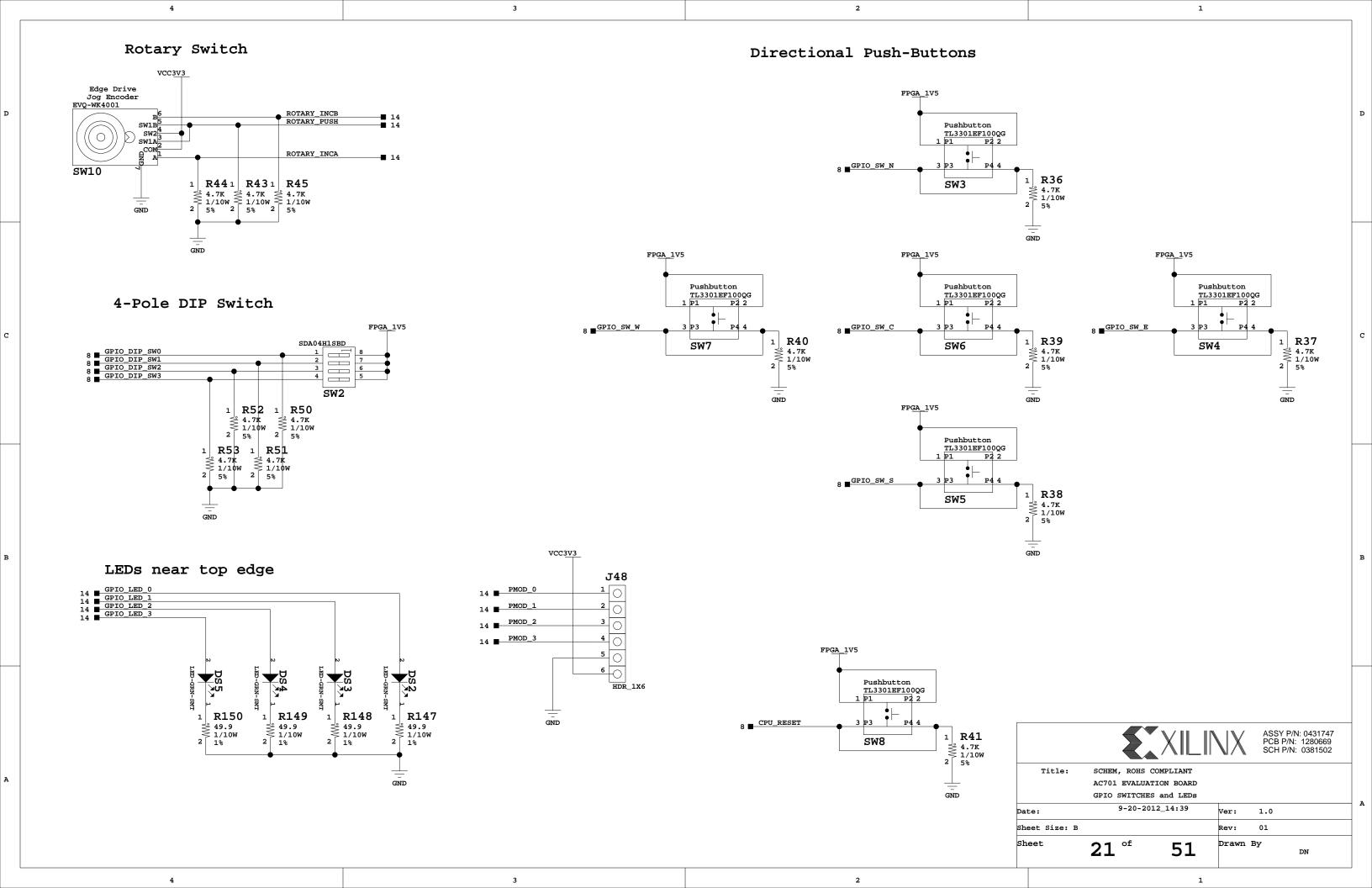


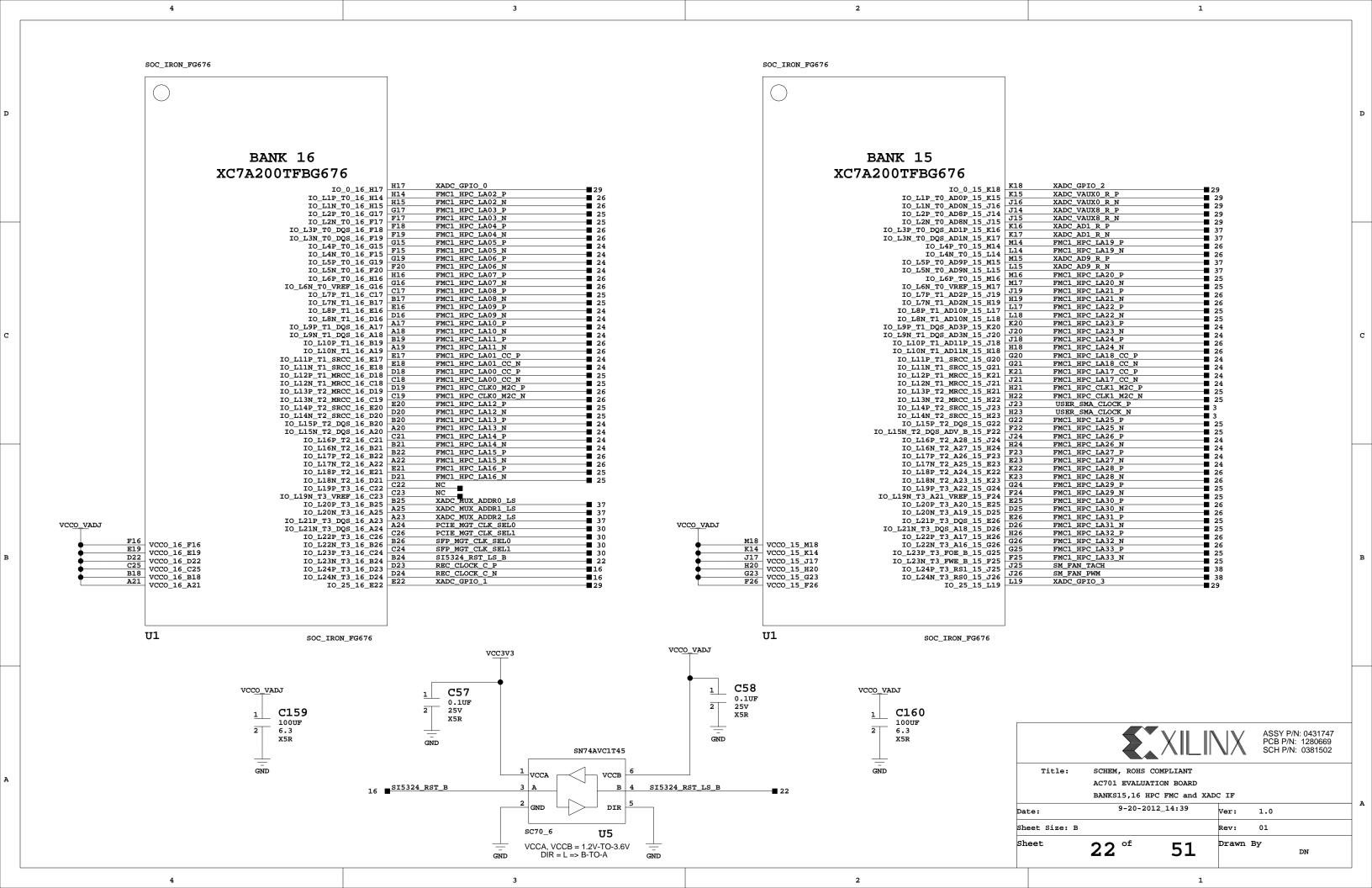








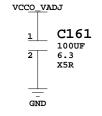






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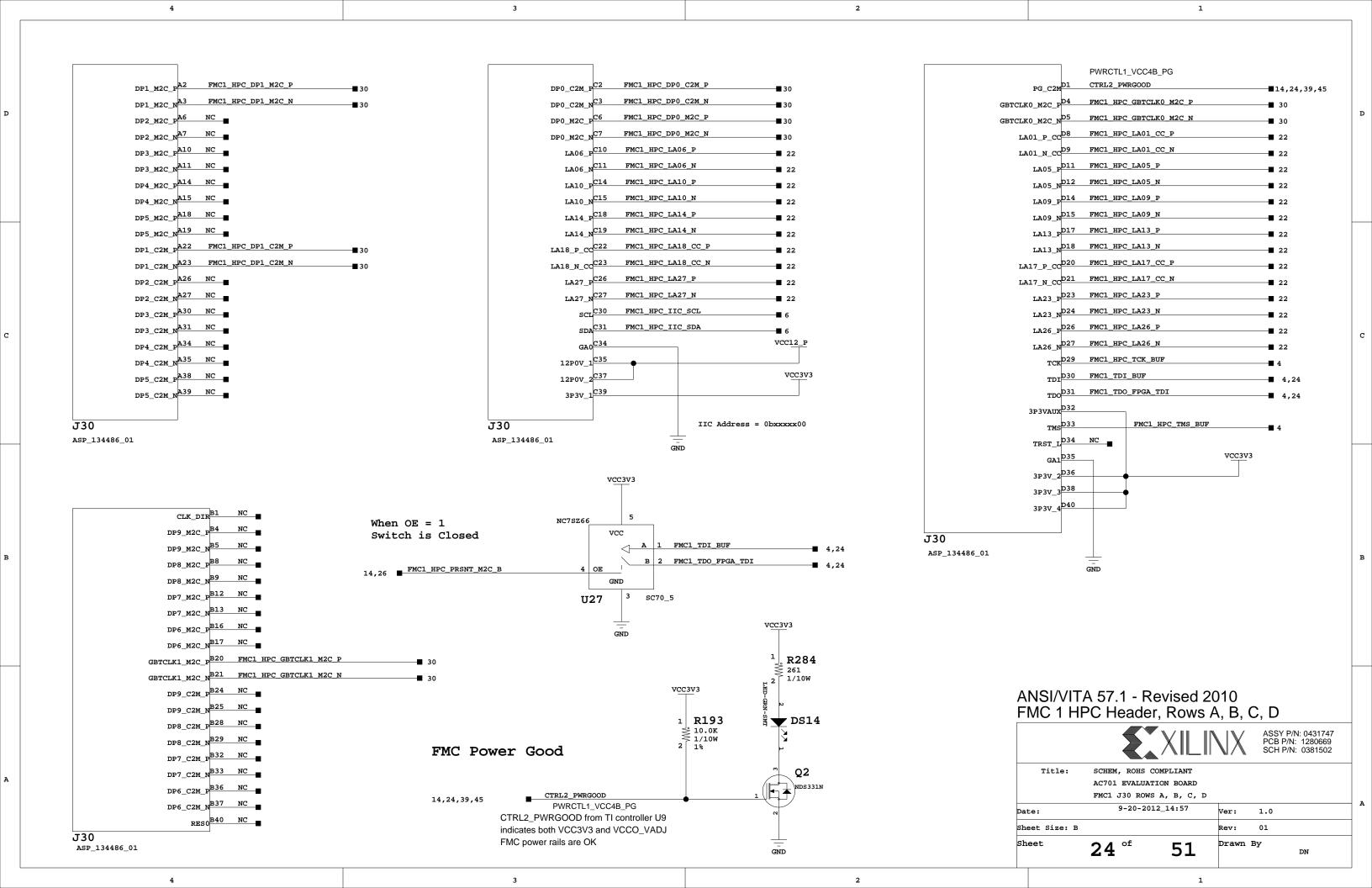
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AC701 EVALUATION BOARD
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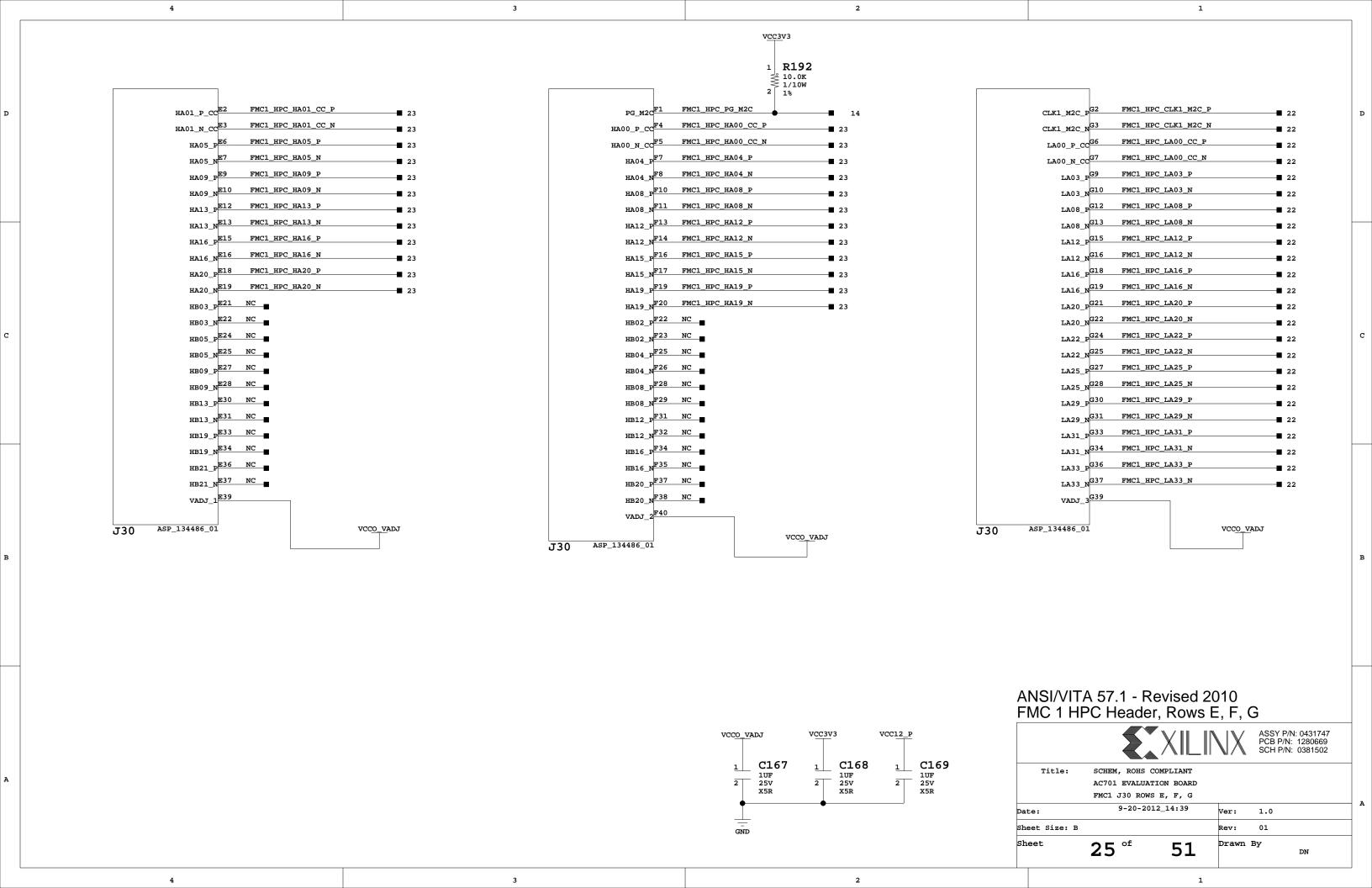
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PCB P/N: 1280669
SCH P/N: 0381502

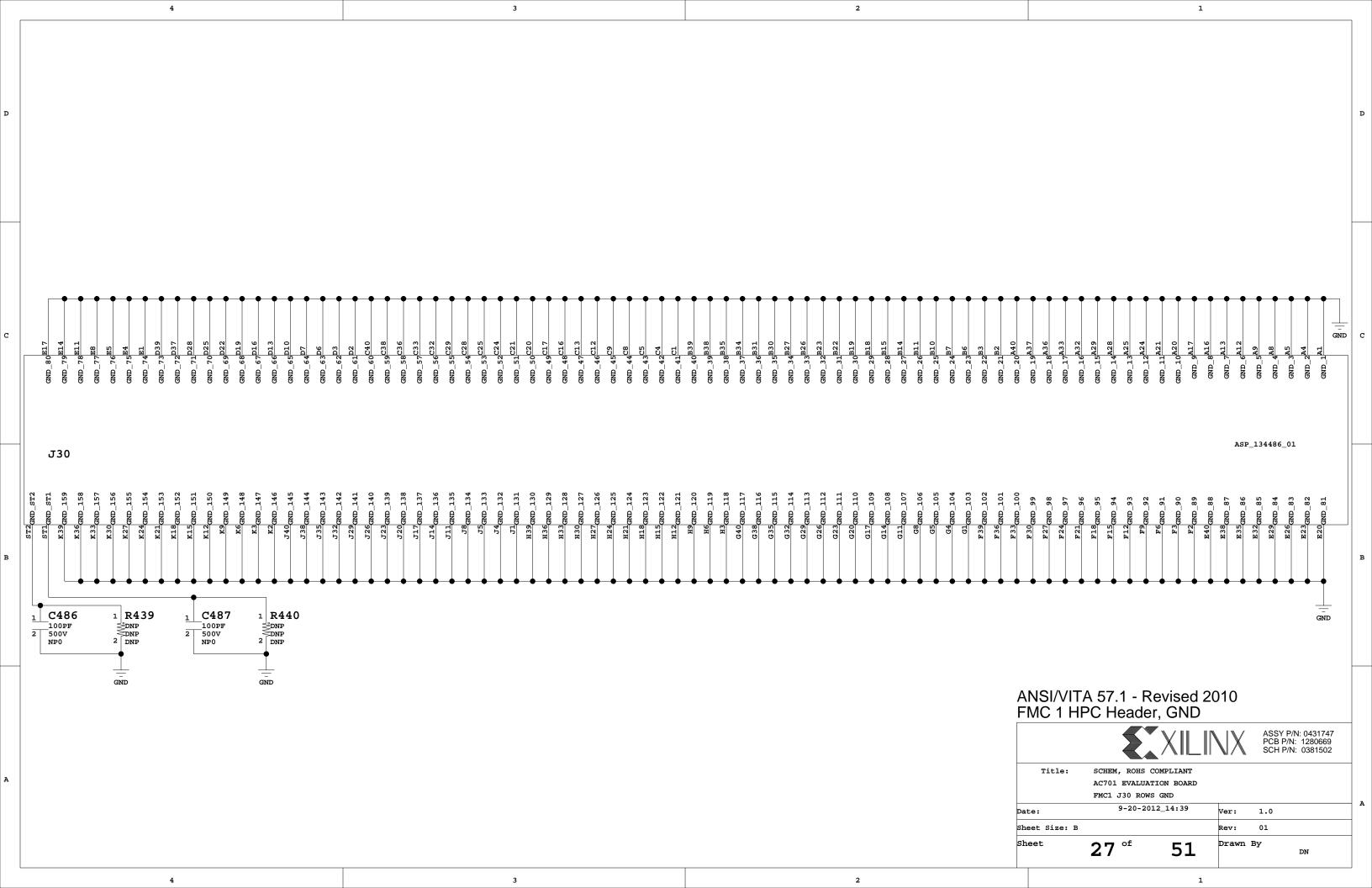
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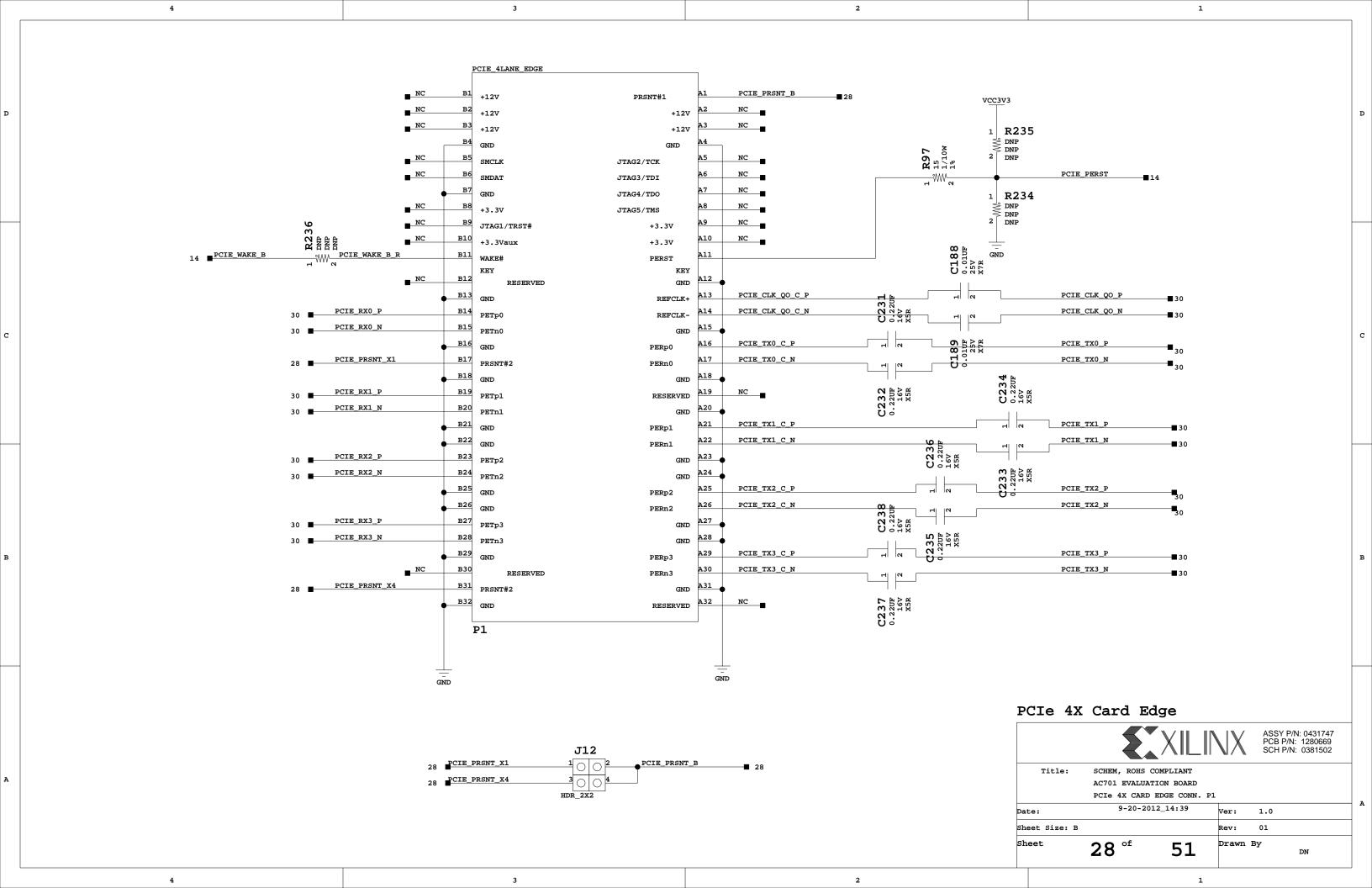
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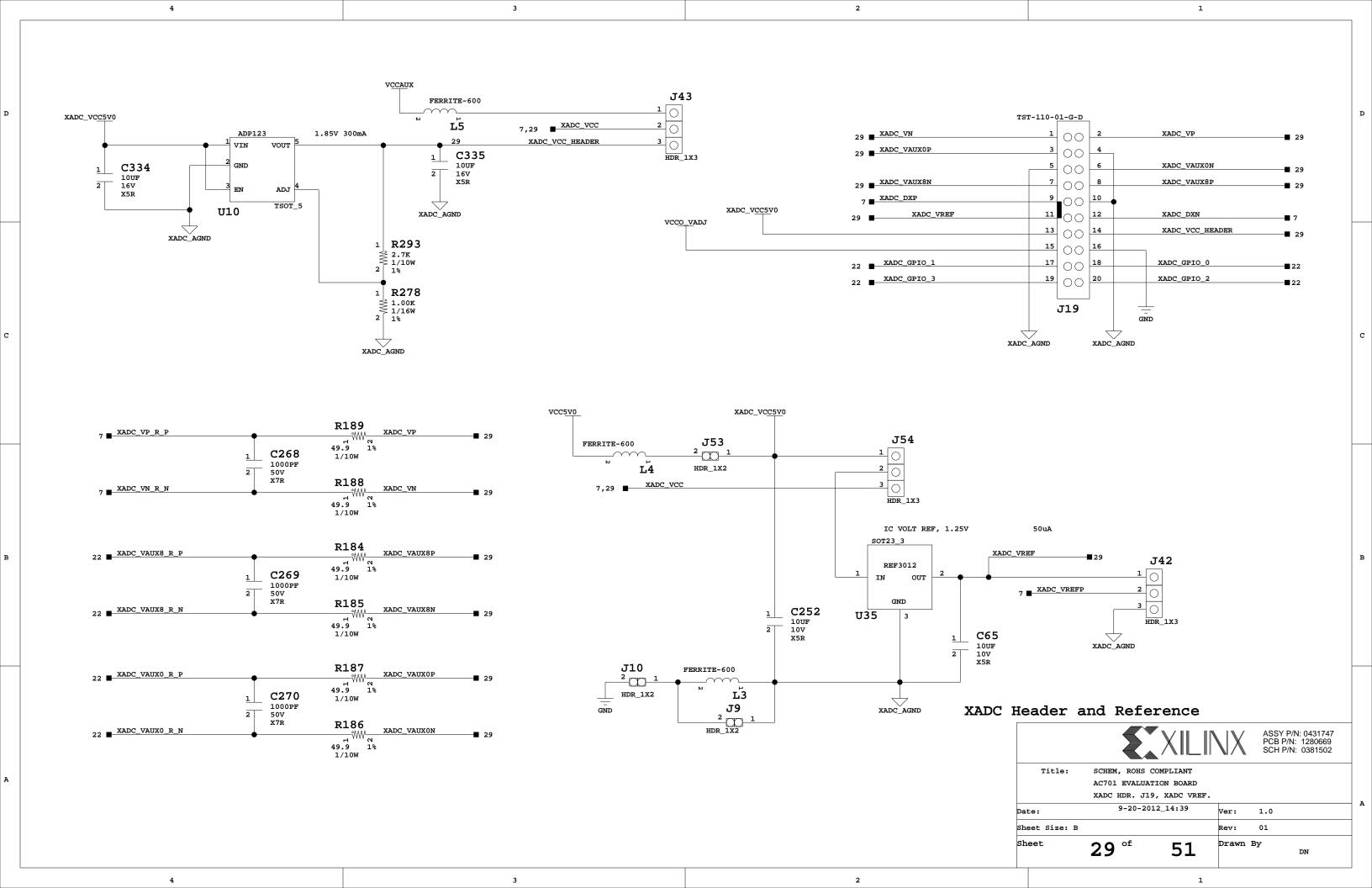


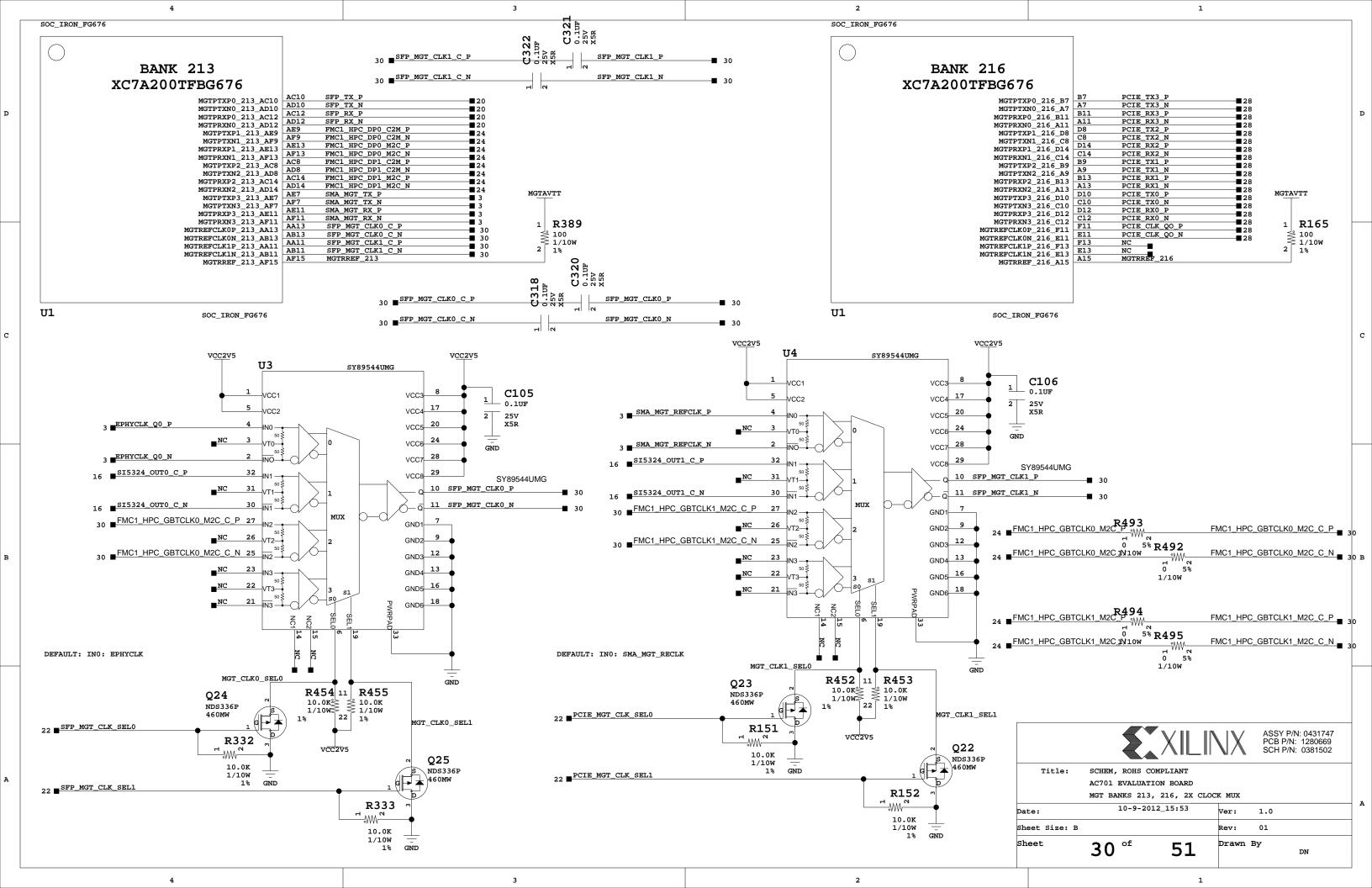


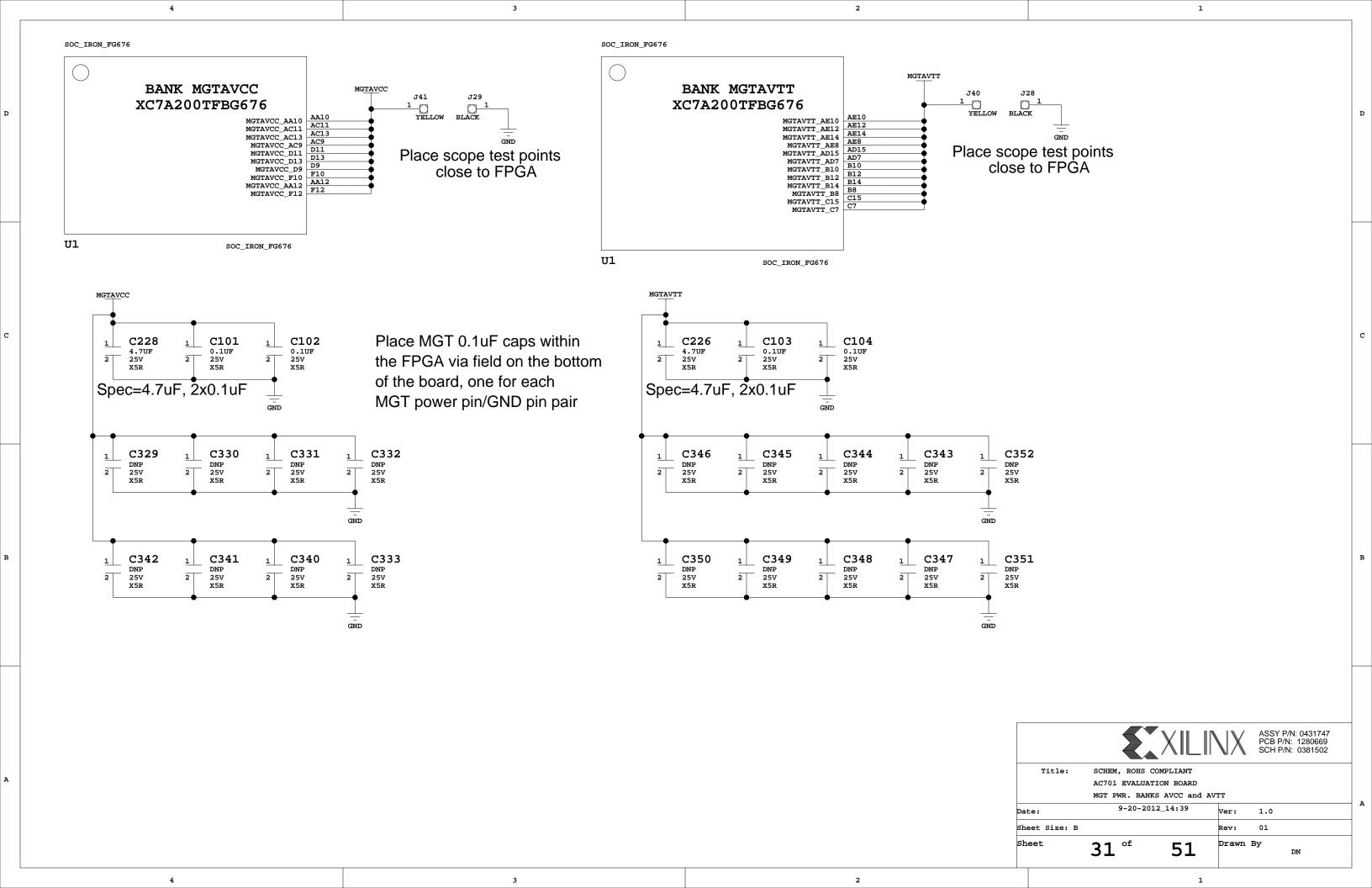


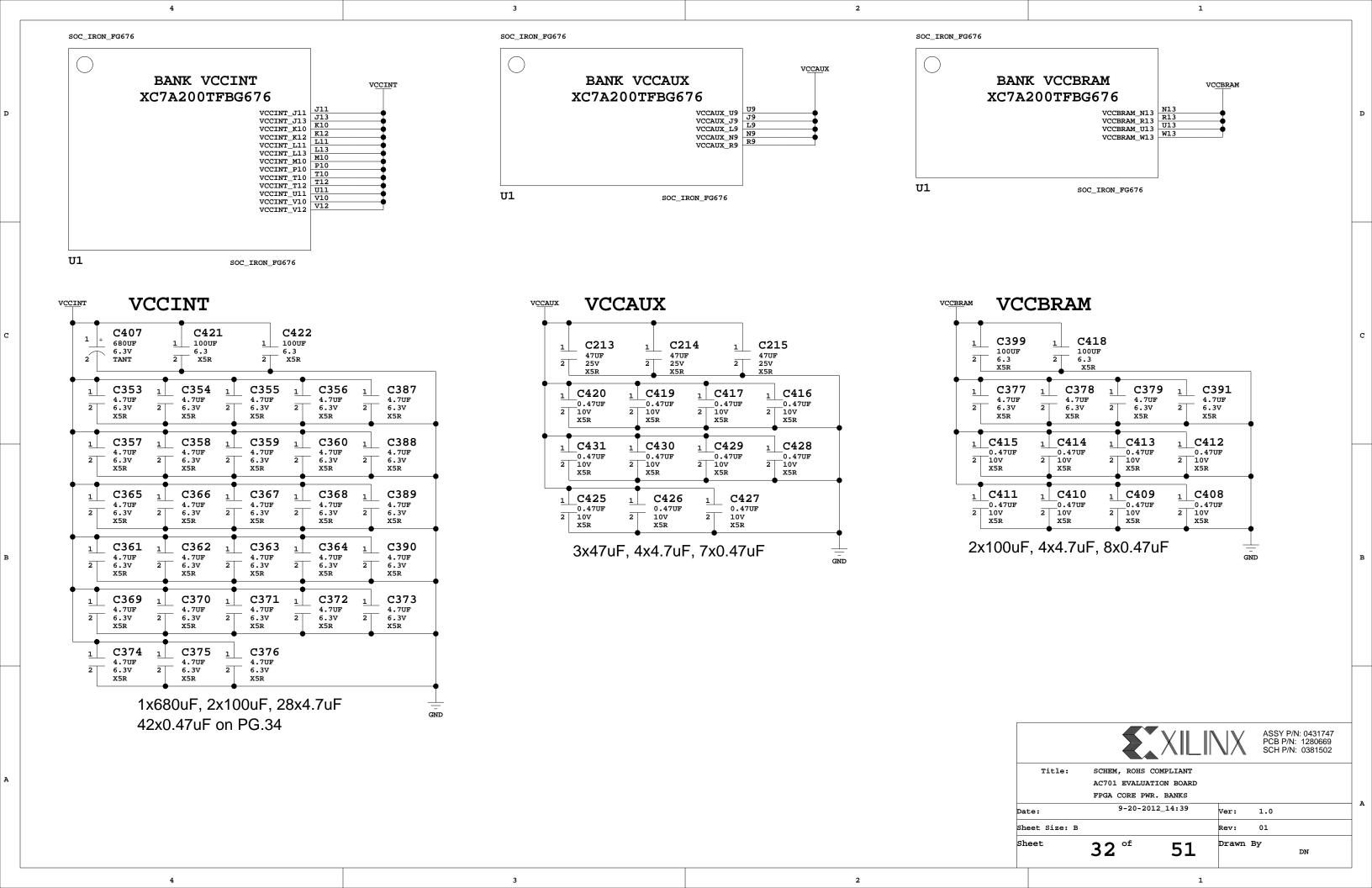


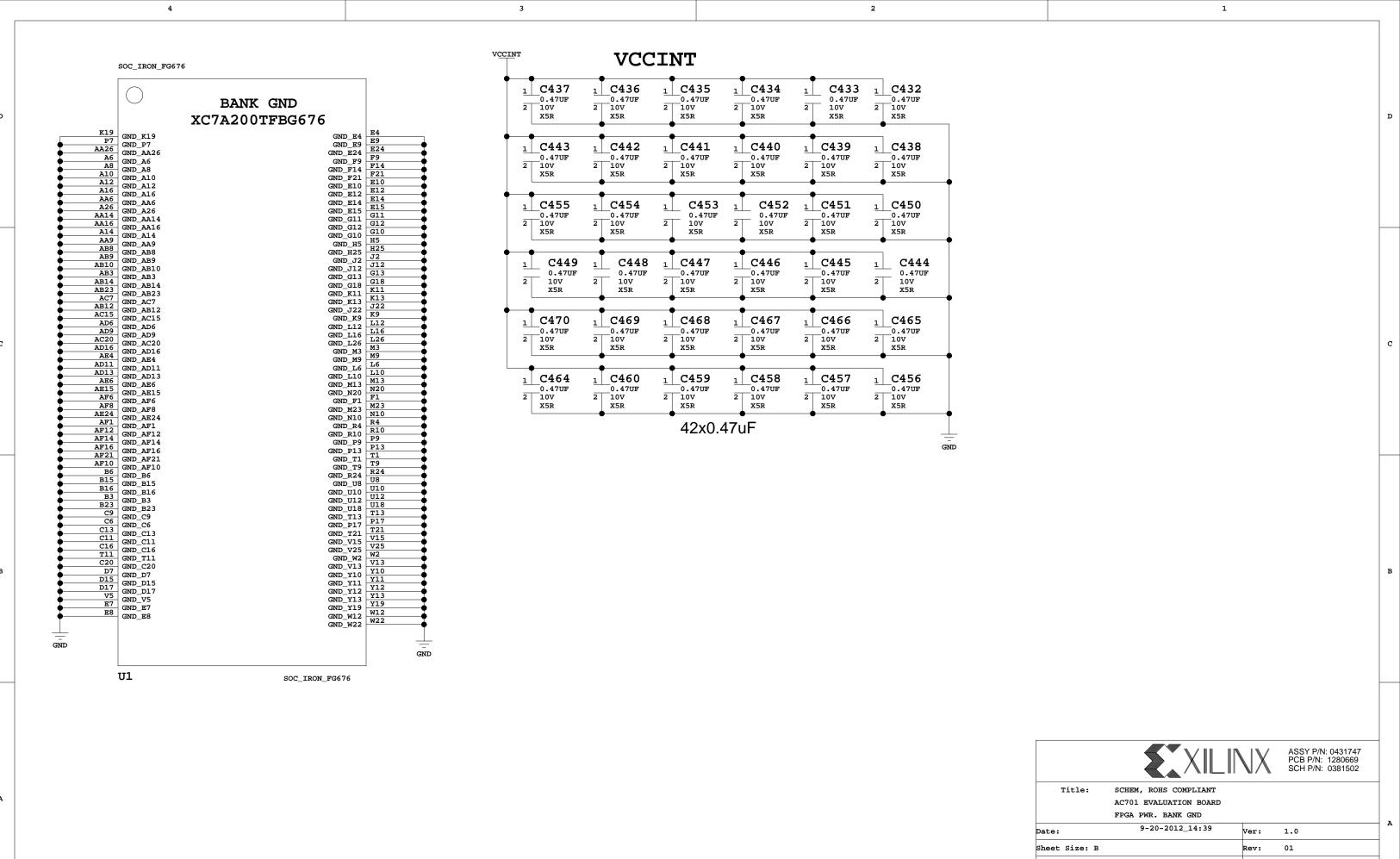






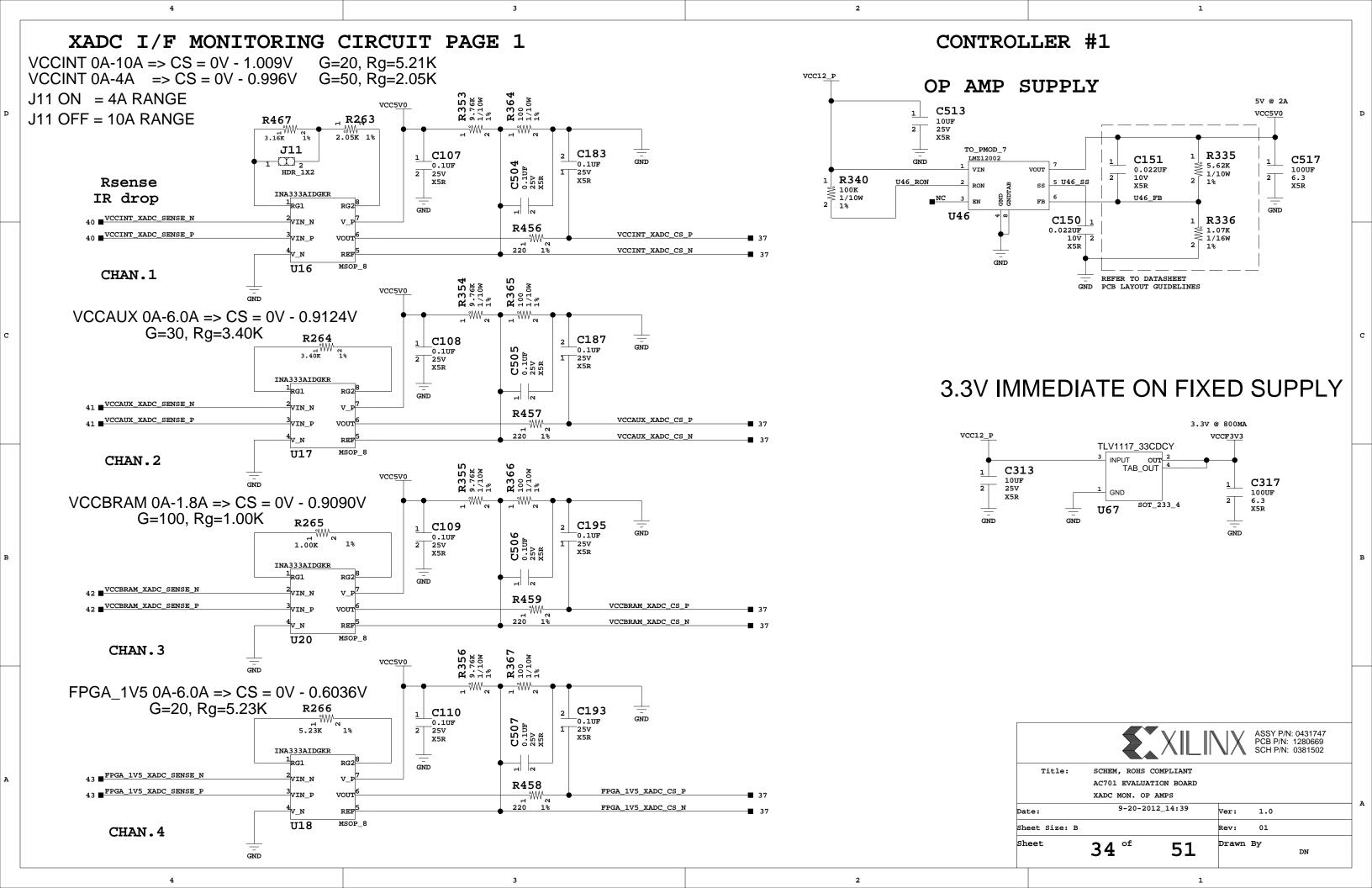






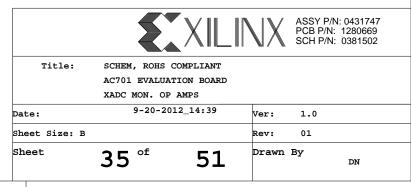
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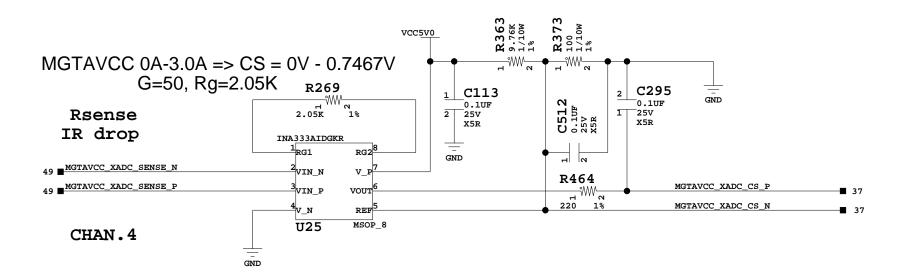
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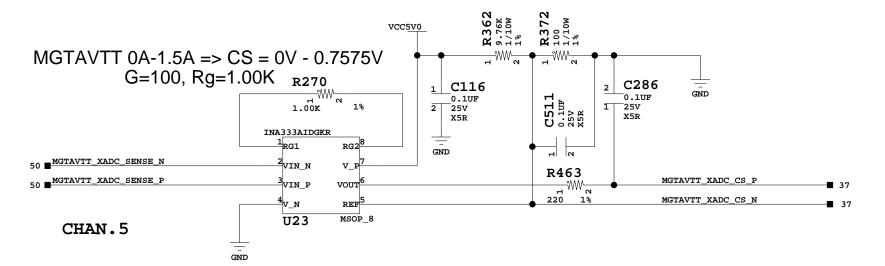
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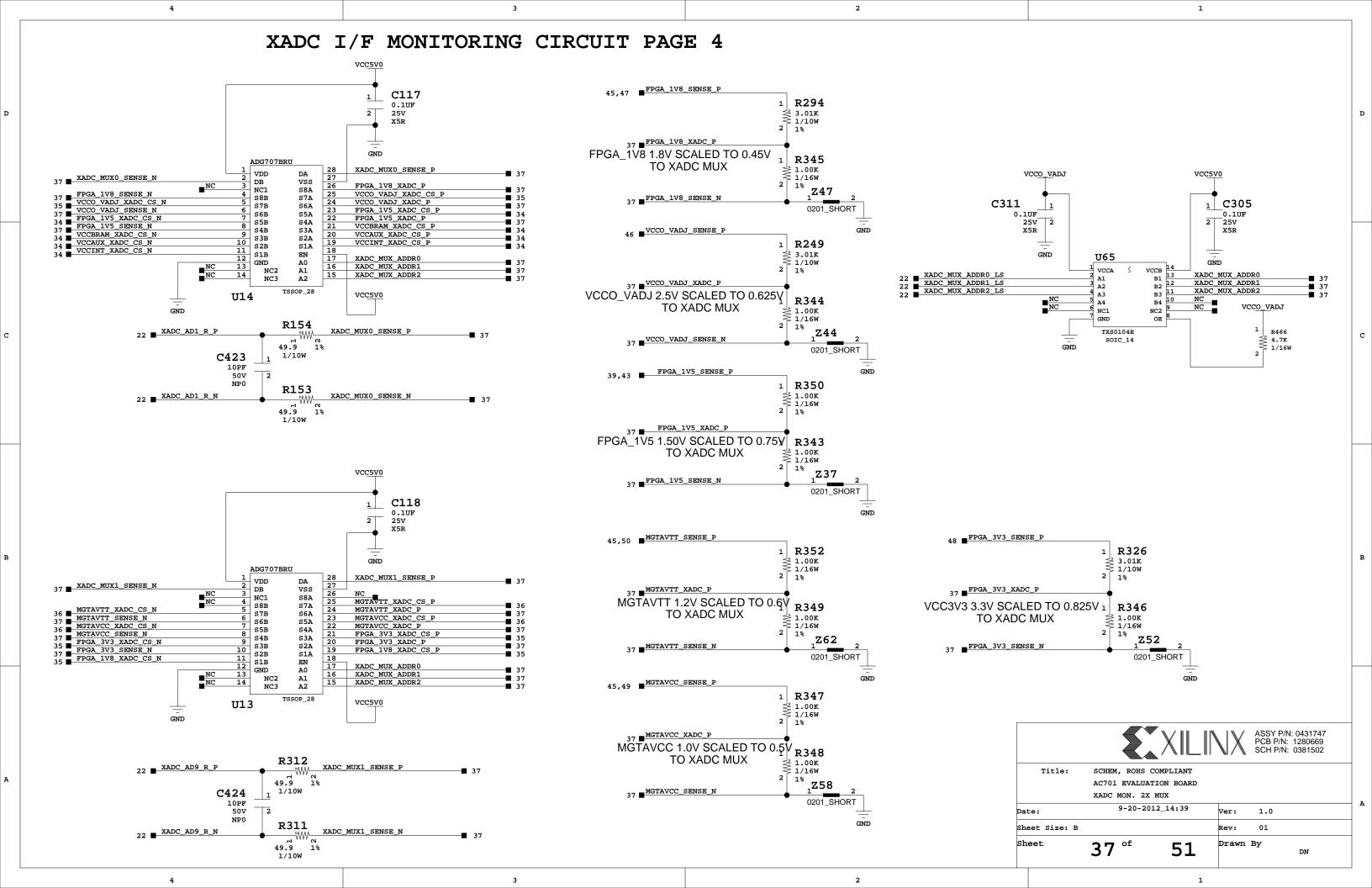
CONTROLLER #2

XADC I/F MONITORING CIRCUIT PAGE 3

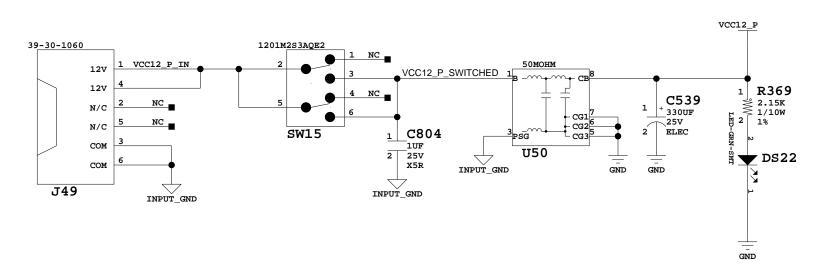




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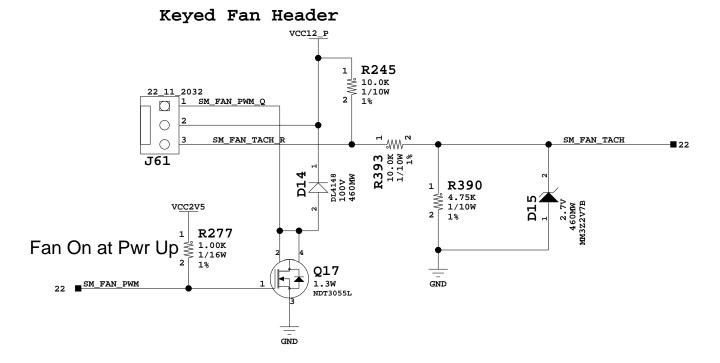


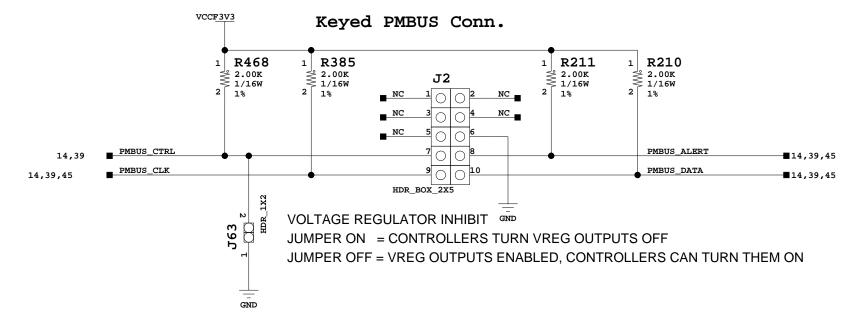
POWER SYSTEM SCHEMATIC STARTS HERE



AC701 POWER SYSTEM CONFIGURATION

CTLR RE	F PAGE	E PM	BUS ADDR/R	AIL NET NAME	VOLTA	GE VREG-TYPE	MAX I
#1 U8	PG 39	101	UCD90120A	4 RAILS:			
	PG 40	101	1	VCCINT	1.0V	LMZ12010 U49 1	10A
	PG 41	101	2	VCCAUX	1.8V	TPS84621 U53	6A
	PG 42	101	3	VCCBRAM	1.0V	TPS84320 U54	3A
	PG 43	101	4	FPGA_1V5	1.5V	TPS84621 U55	6A
#2 U9	PG 45	102	UCD90120A	5 RAILS:			
	PG 46	102	1	VCCO_VADJ	2.5V	TPS84621 U56	6A
	PG 47	102	2	FPGA_1V8	1.8V	TPS84320 U57	3A
	PG 48	102	3	FPGA_3V3	3.3V	TPS84621 U58	6A
	PG 49	102	4	MGTAVCC	1.0V	TPS84320 U59	3A
	PG 49	102	5	MGTAVTT	1.2V	TPS84320 U60	3A





Power Connector and switch, PMBus Header

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Title:	SCHEM, ROHS C	OMPLIANT			
				PCB P	P/N: 0431747 /N: 1280669 /N: 0381502

