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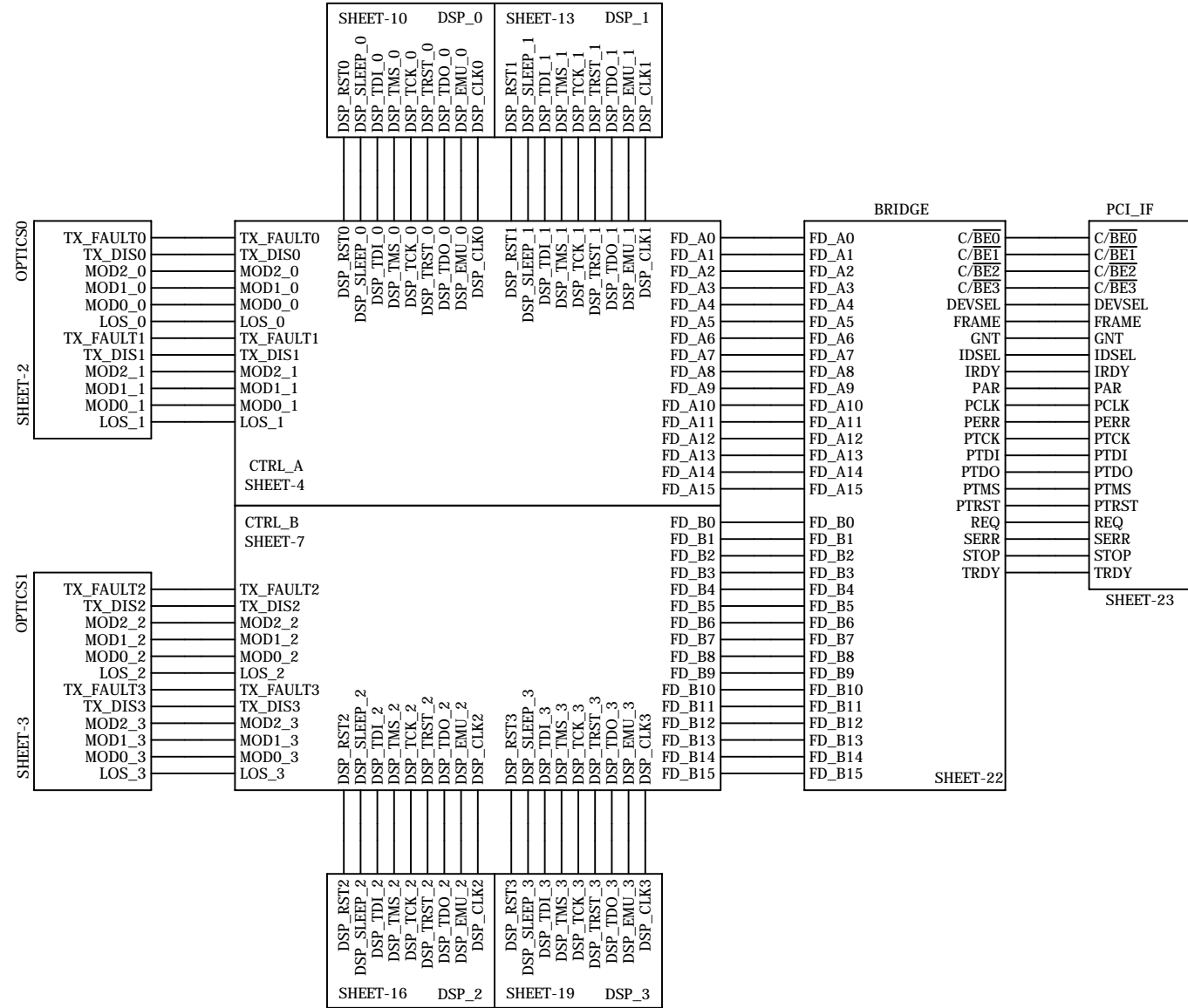
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Univ. of Hawai'i -- Instr. Dev. Lab.

TITLE: DSP_cPCI

	Design:	Page Description:	REV:
	LLR	Top Level	B

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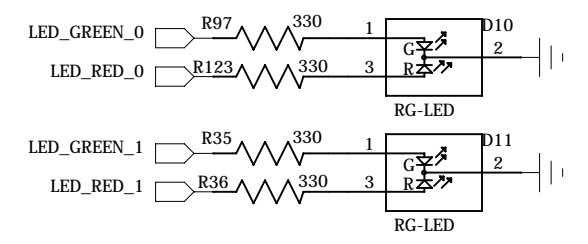
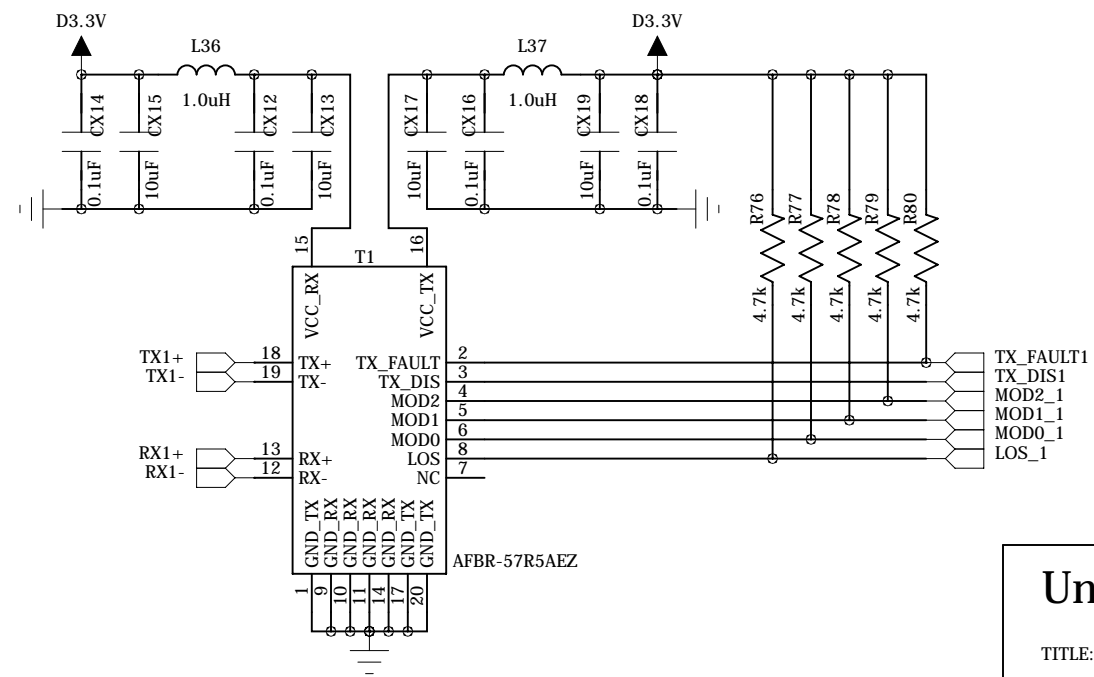
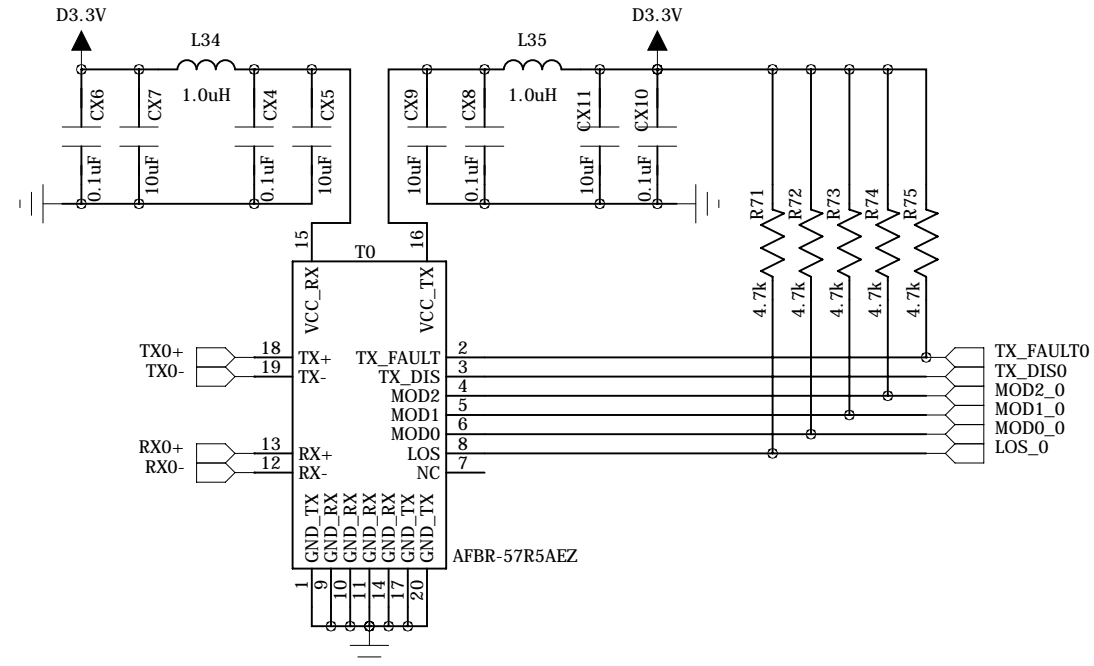
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Univ. of Hawai'i -- Instr. Dev. Lab.
 TITLE: DSP_cPCI

	Design:	Page Description:	REV:
	LLR	Fiber Optic Tranceiver Block	B
DATED: 19-MARCH-2010		[OPTICS0]	SHEET: 2 OF 23

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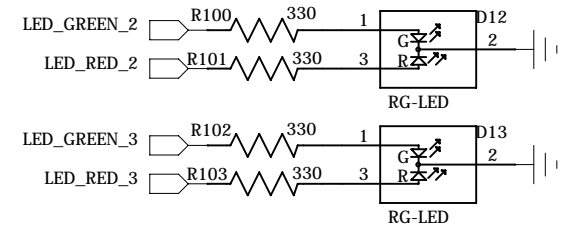
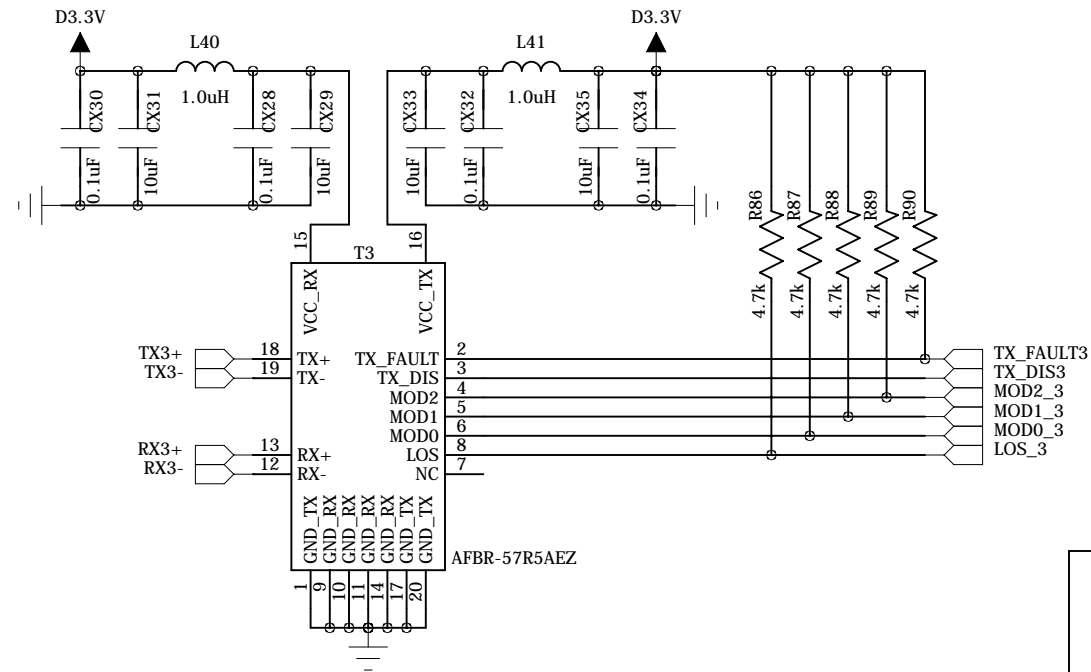
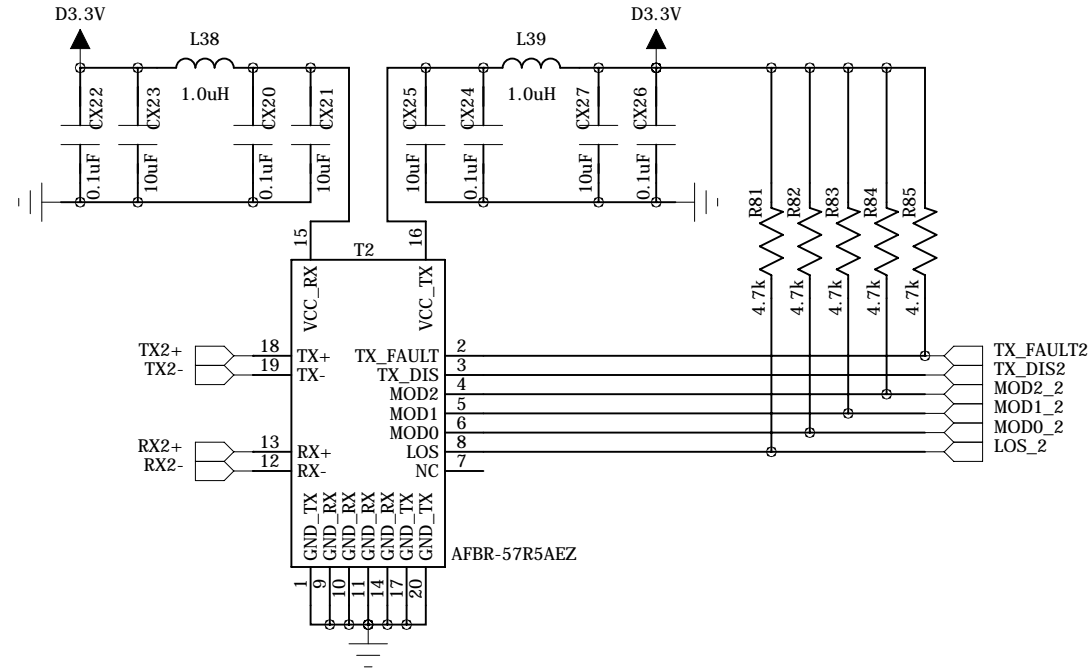
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TITLE: DSP_cPCI



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DATED: 19-MARCH-2010

[OPTICS1]

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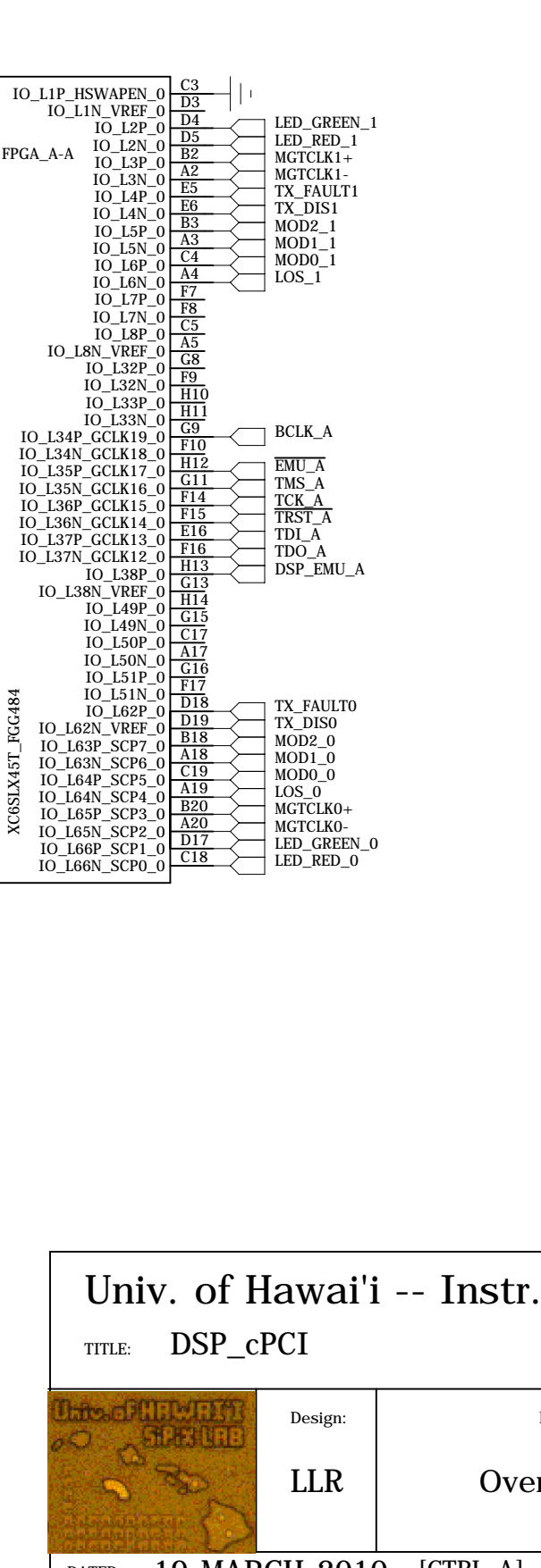
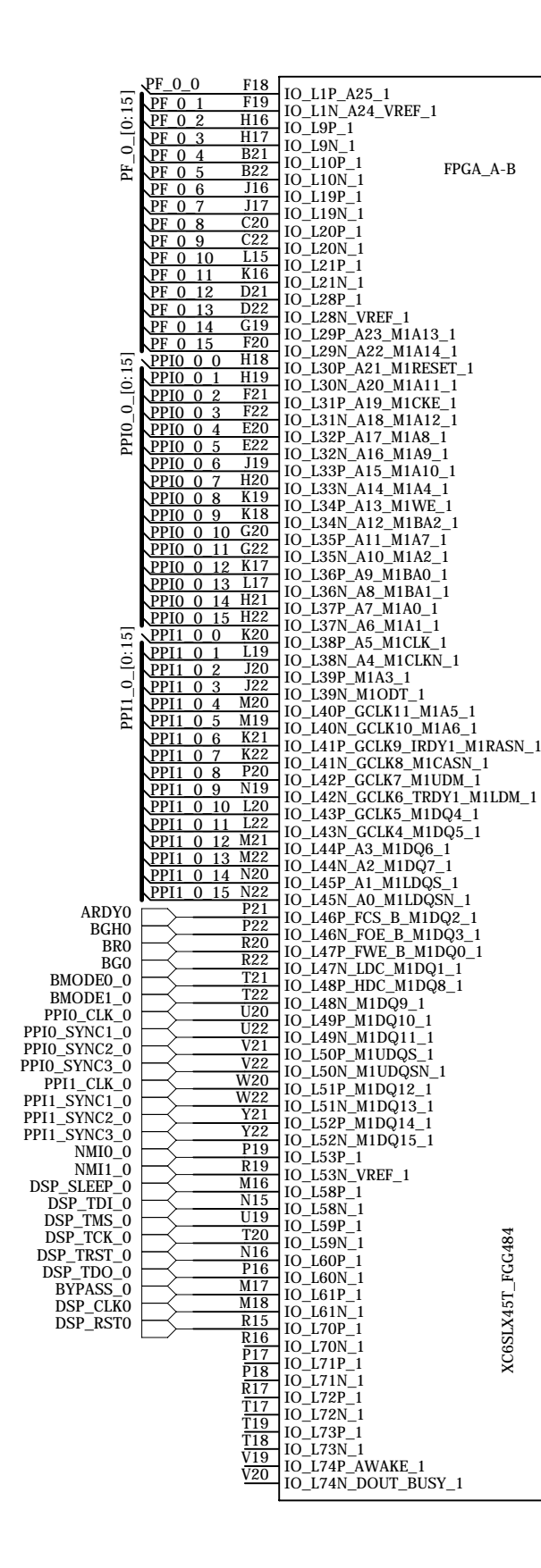
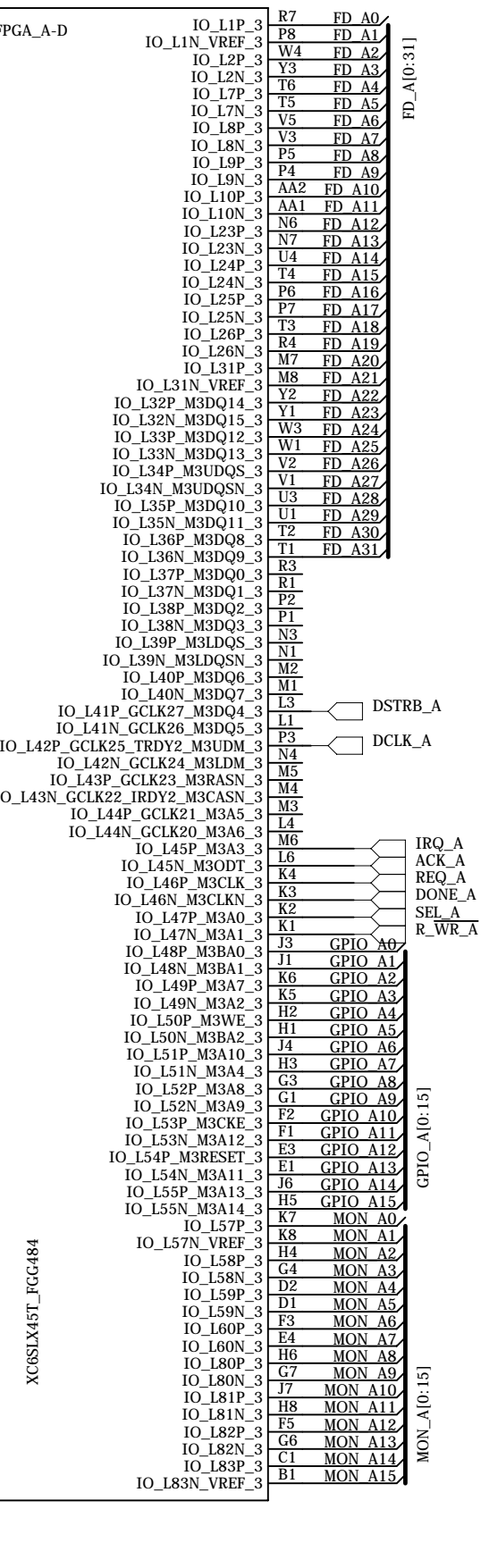
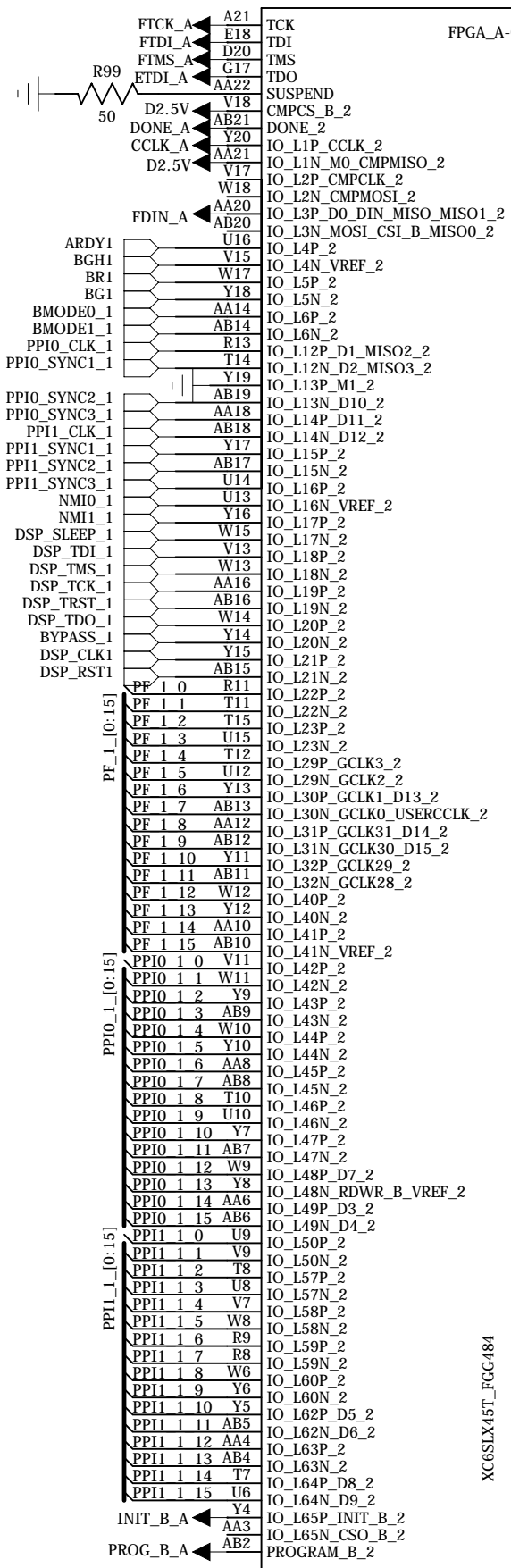
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TITLE: **DSP_cPCI**

Design:	Page Description:	REV:
LLR	Overall Control A	B

DATED: **19-MARCH-2010 [CTRL_A]** SHEET: 4 OF 23

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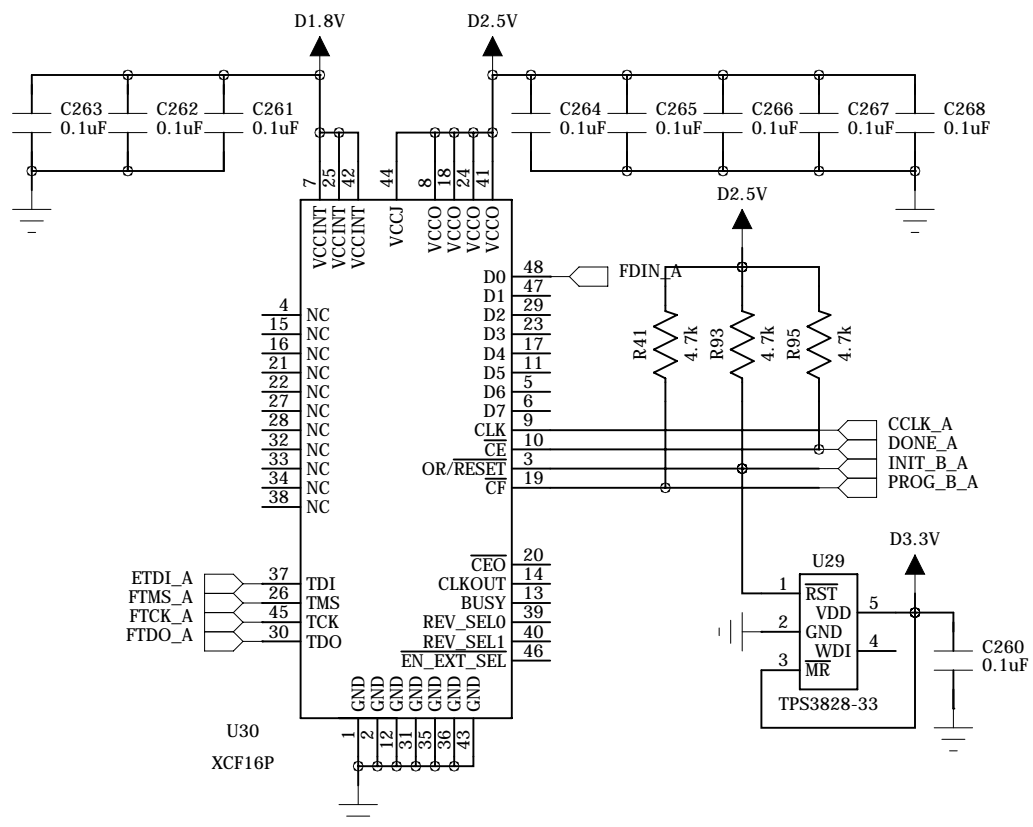
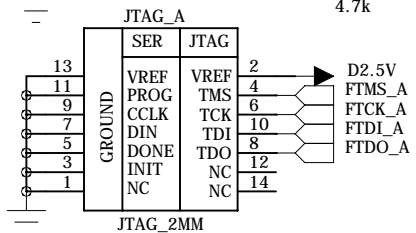
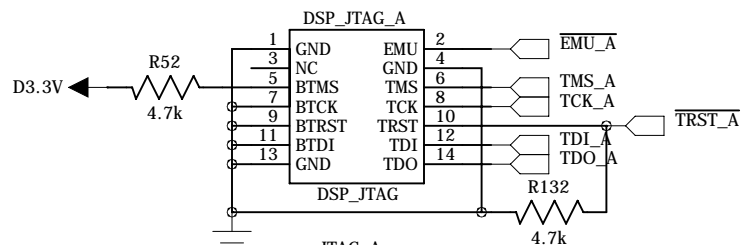
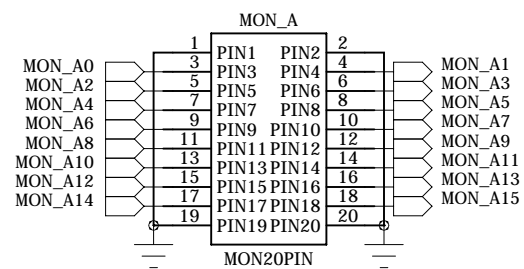
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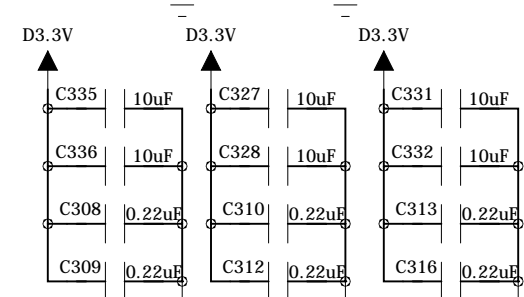
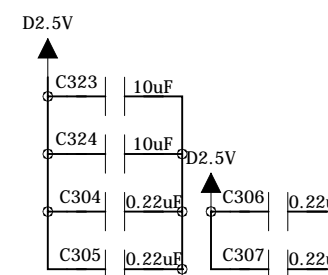
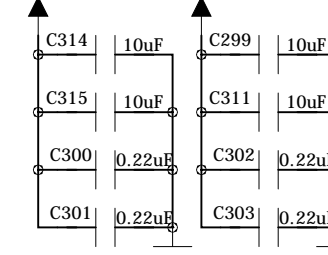
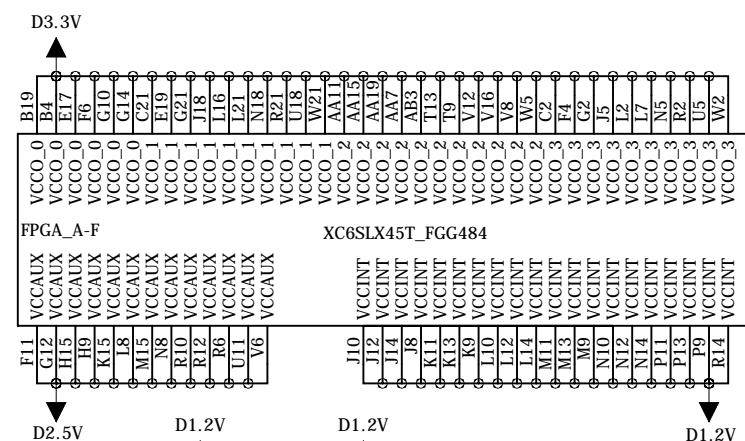
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Univ. of Hawai'i -- Instr. Dev. Lab.
 TITLE: DSP_cPCI

	Design:	Page Description:	REV:
	LLR	JTAG Block A	B

DATED: 19-MARCH-2010 [JTAG_A] SHEET: 6 OF 23

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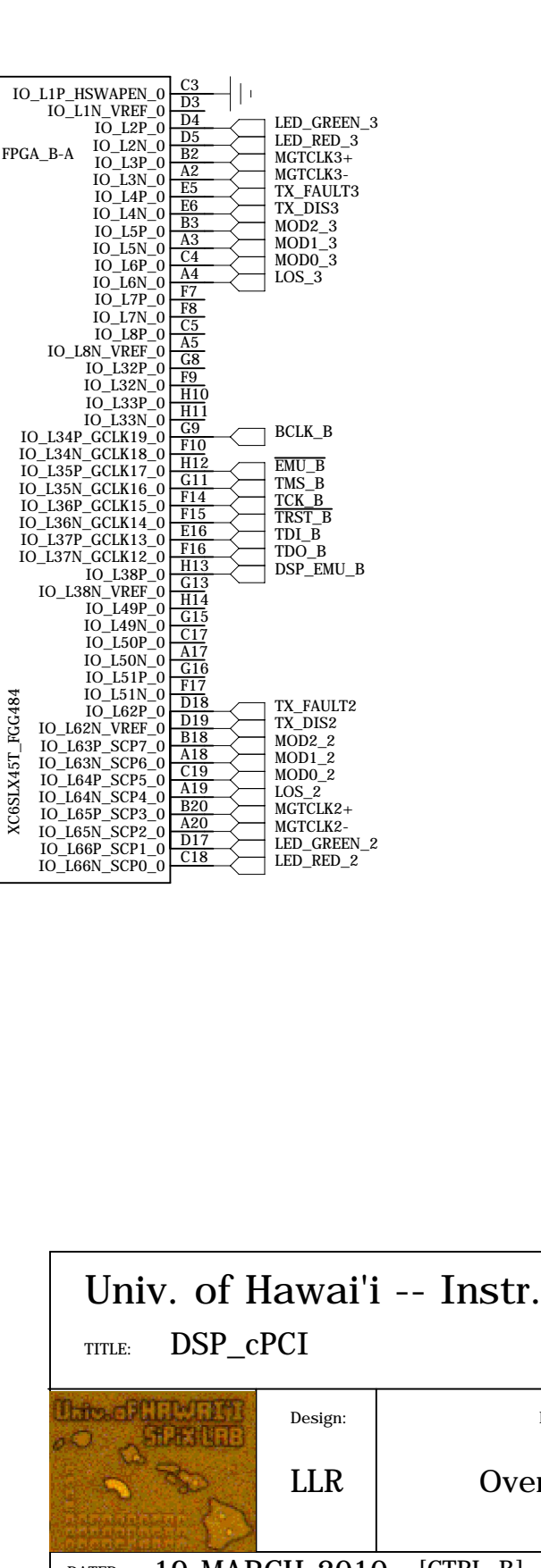
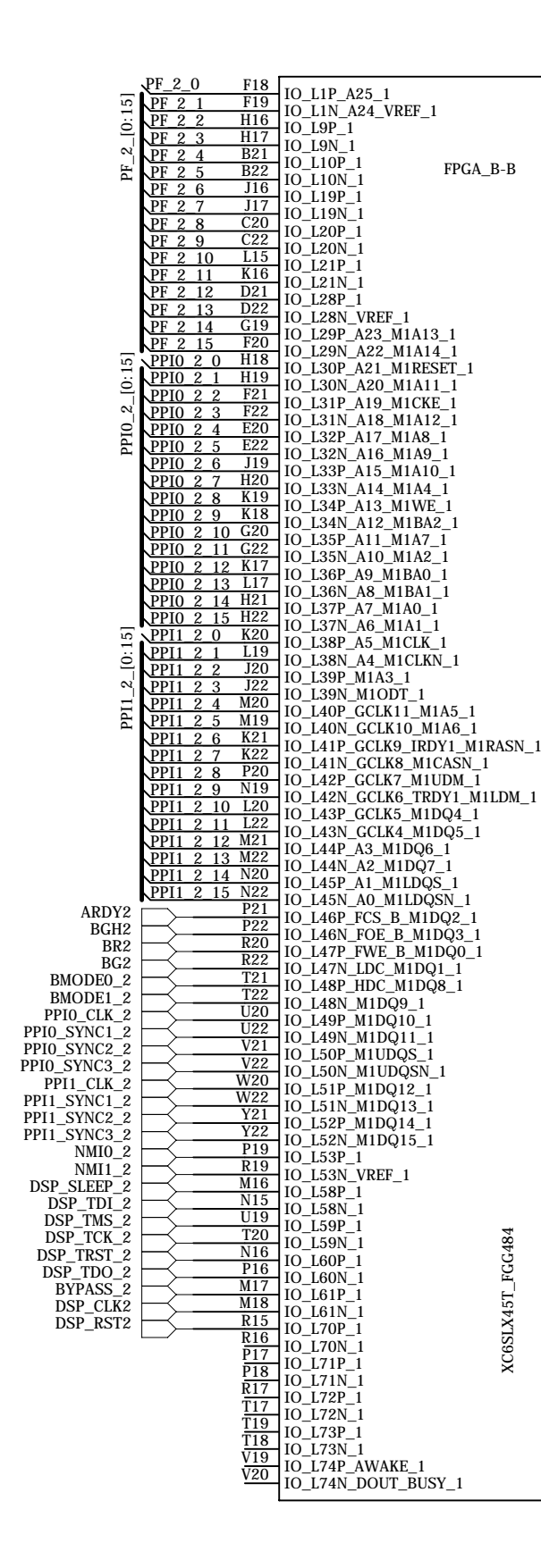
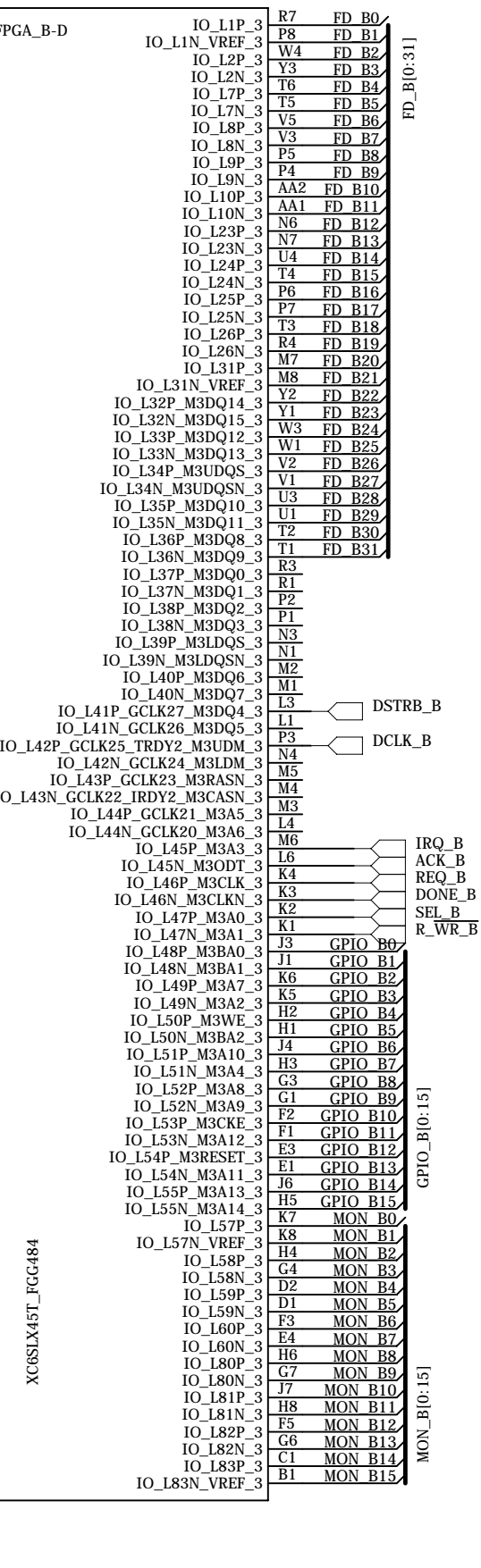
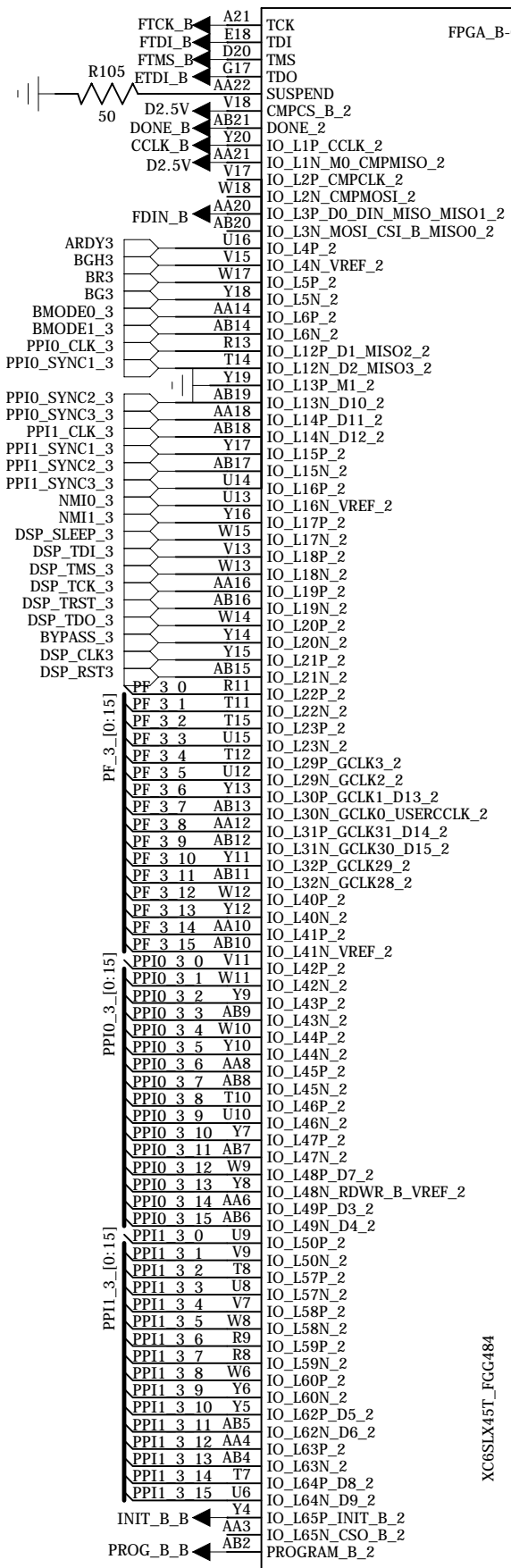
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TITLE: **DSP_cPCI**

Design:	Page Description:	REV:
LLR	Overall Control B	B

DATED: **19-MARCH-2010** [CTRL_B] SHEET: 7 OF 23

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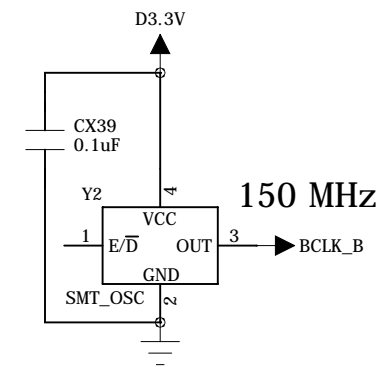
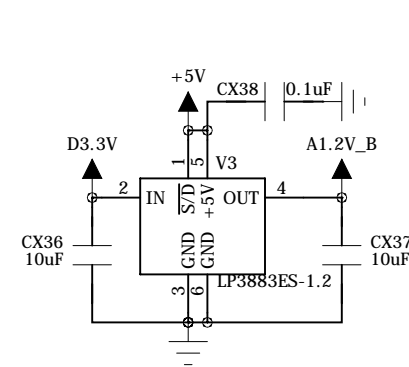
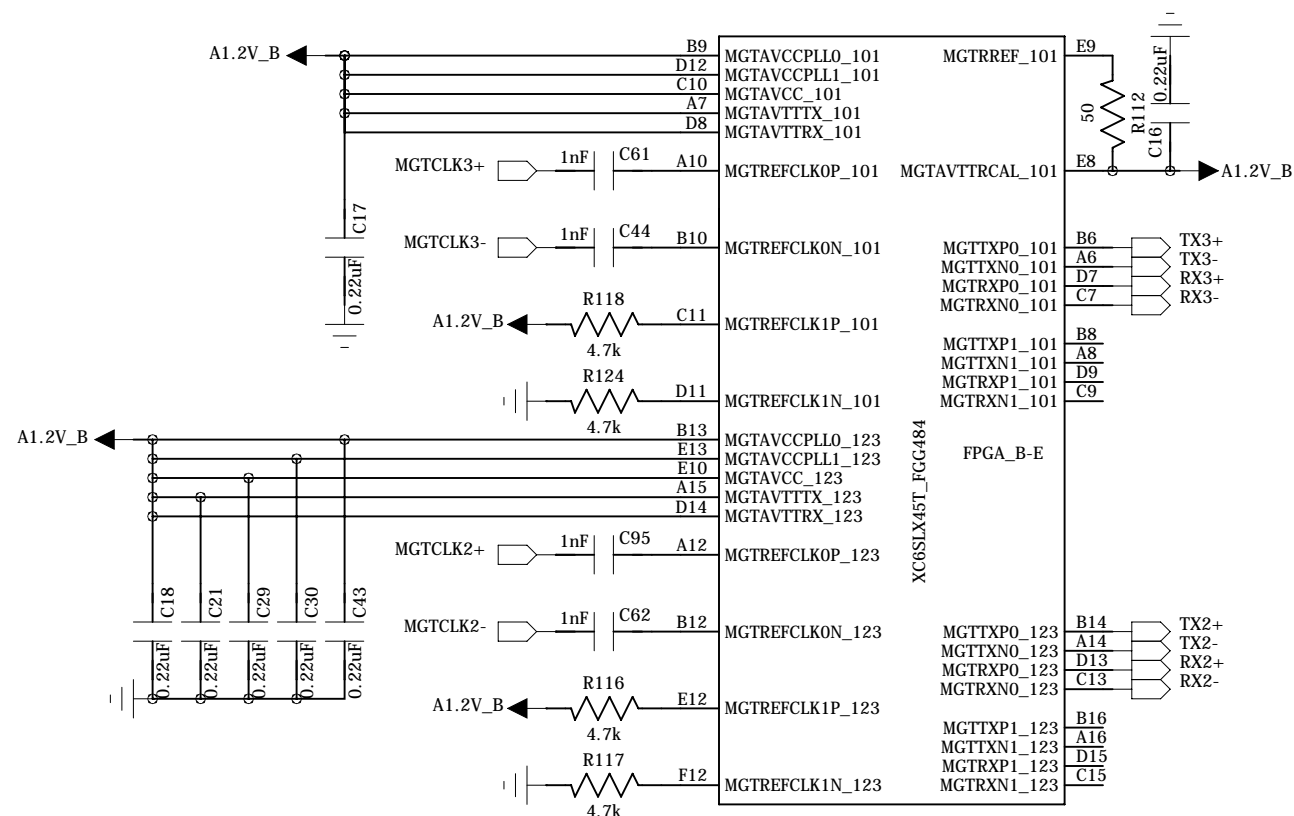
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TITLE: DSP_cPCI



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DATED: 19-MARCH-2010

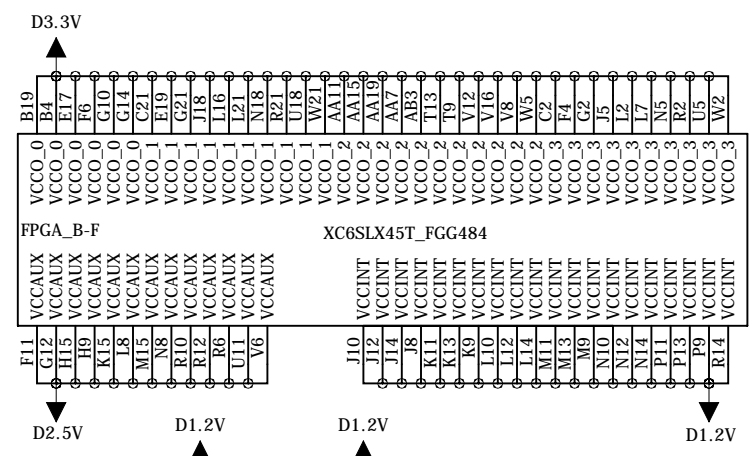
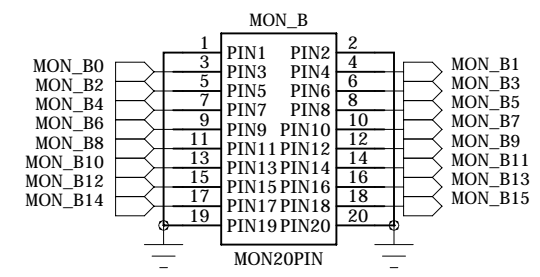
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6 5 4 3 2 1

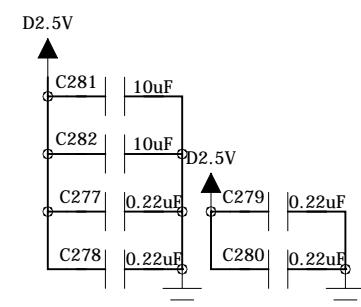
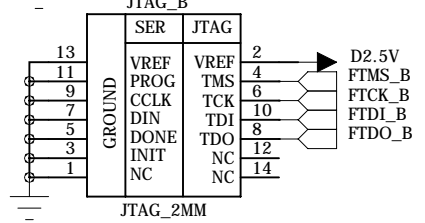
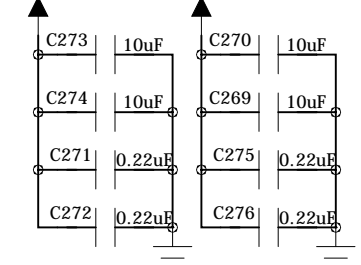
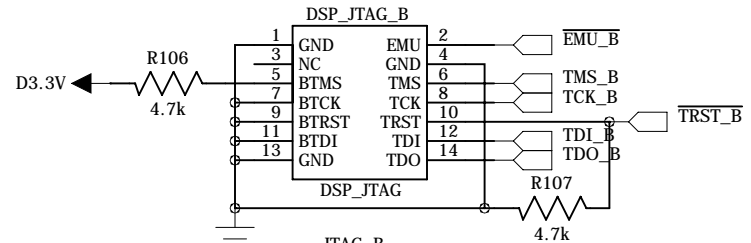
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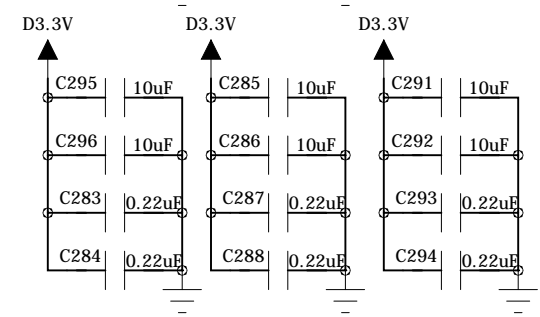
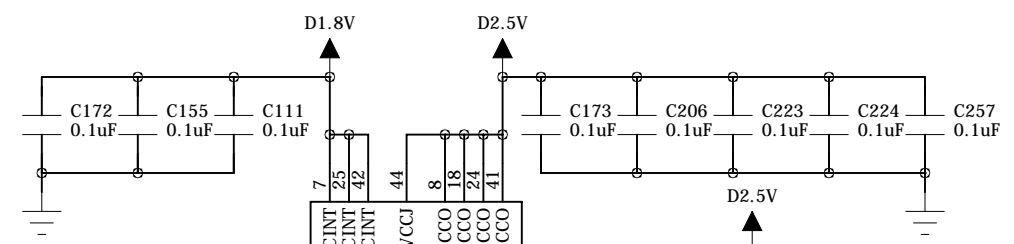
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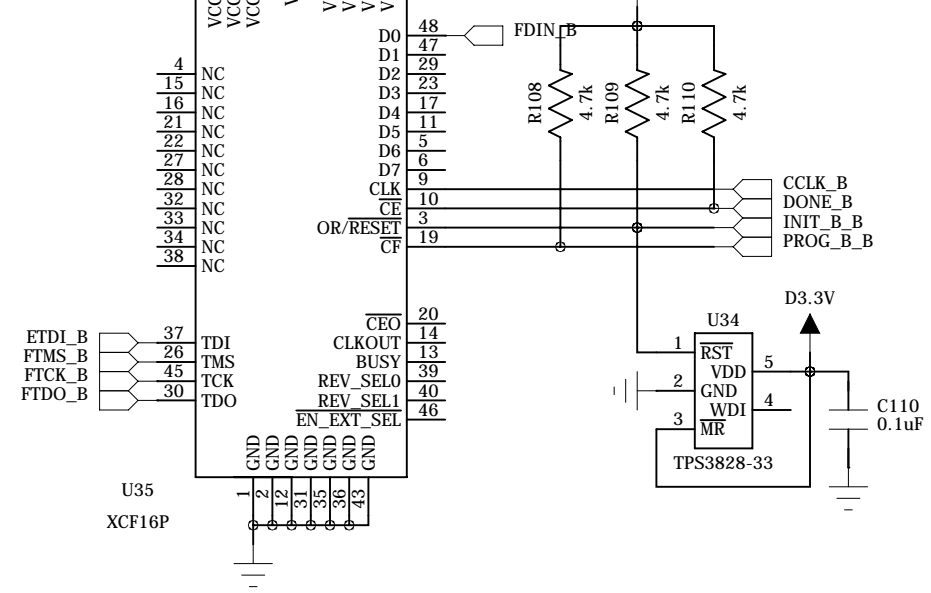
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Univ. of Hawai'i -- Instr. Dev. Lab.
 TITLE: DSP_cPCI

	Design:	Page Description:	REV:
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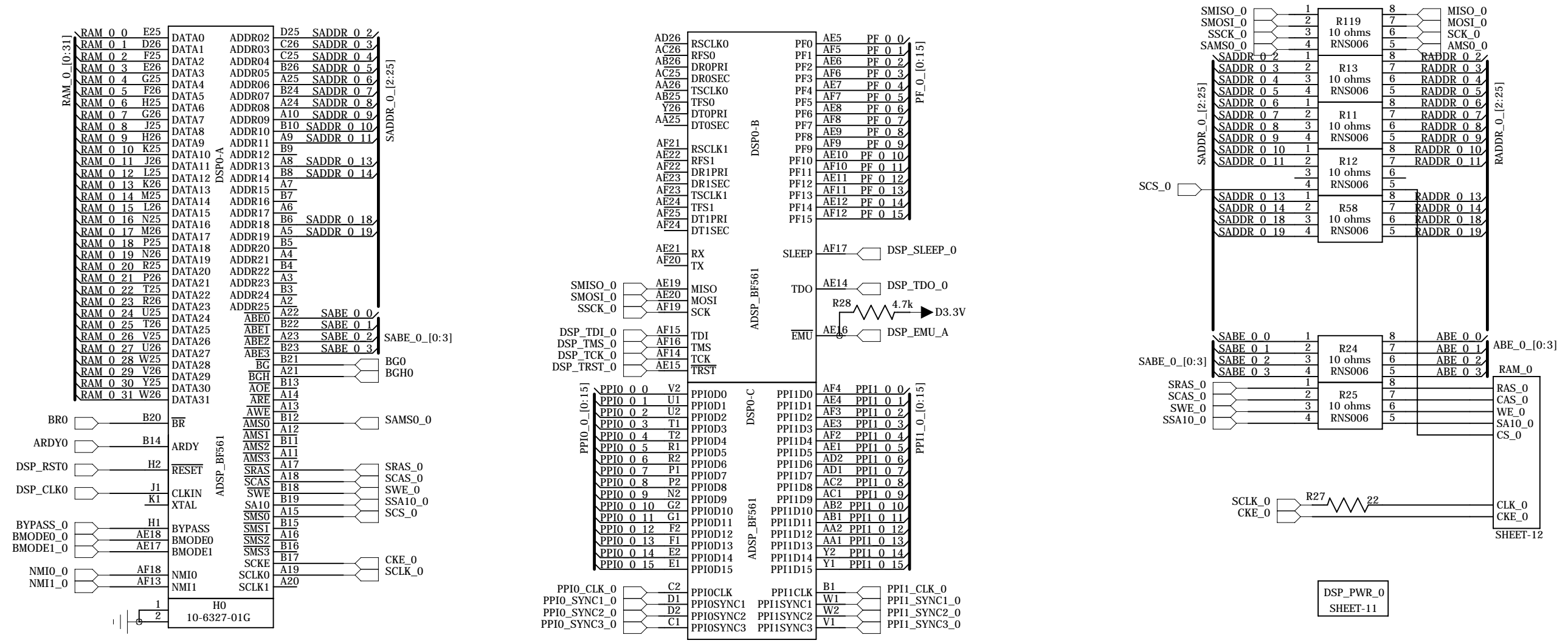
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TITLE: **DSP_cPCI**

Design:	Page Description:	REV:
LLR	DSP CTRL_0 Block	B

DATED: **07-JAN-2010** [DSP_0] SHEET: 10 OF 23

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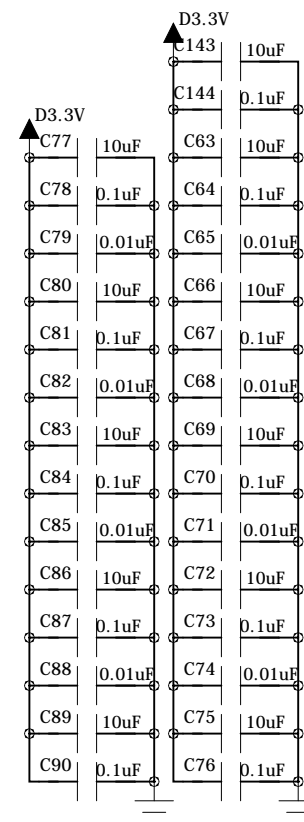
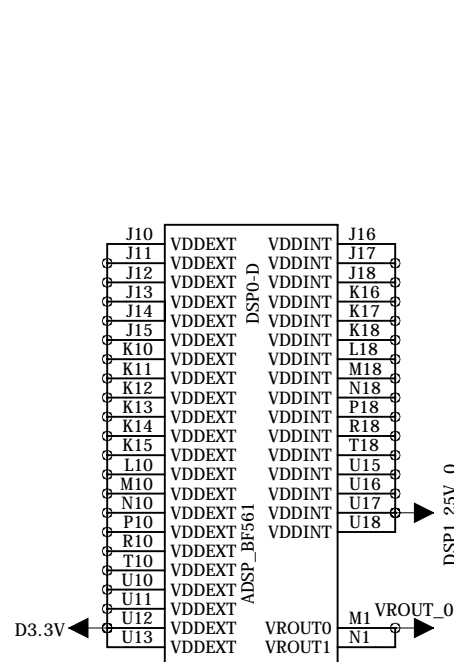
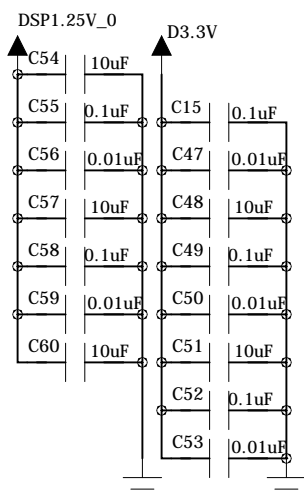
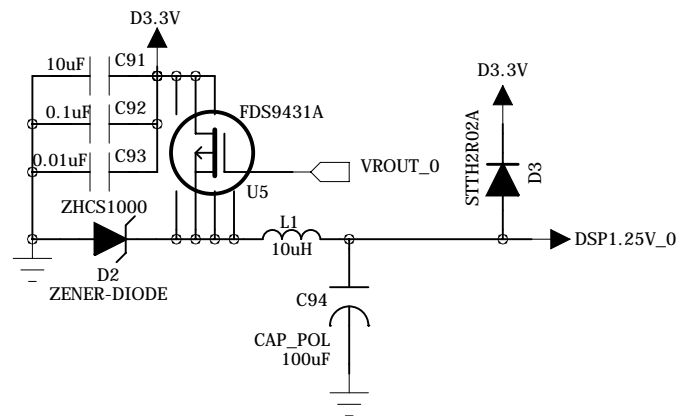
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TITLE: DSP_cPCI

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	LLR	DSP Power Block	B

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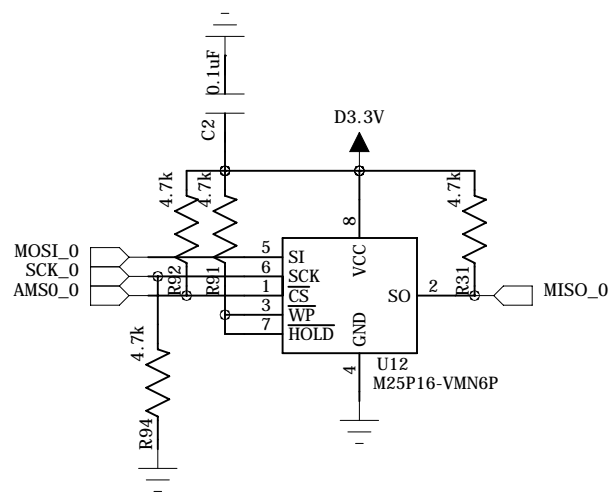
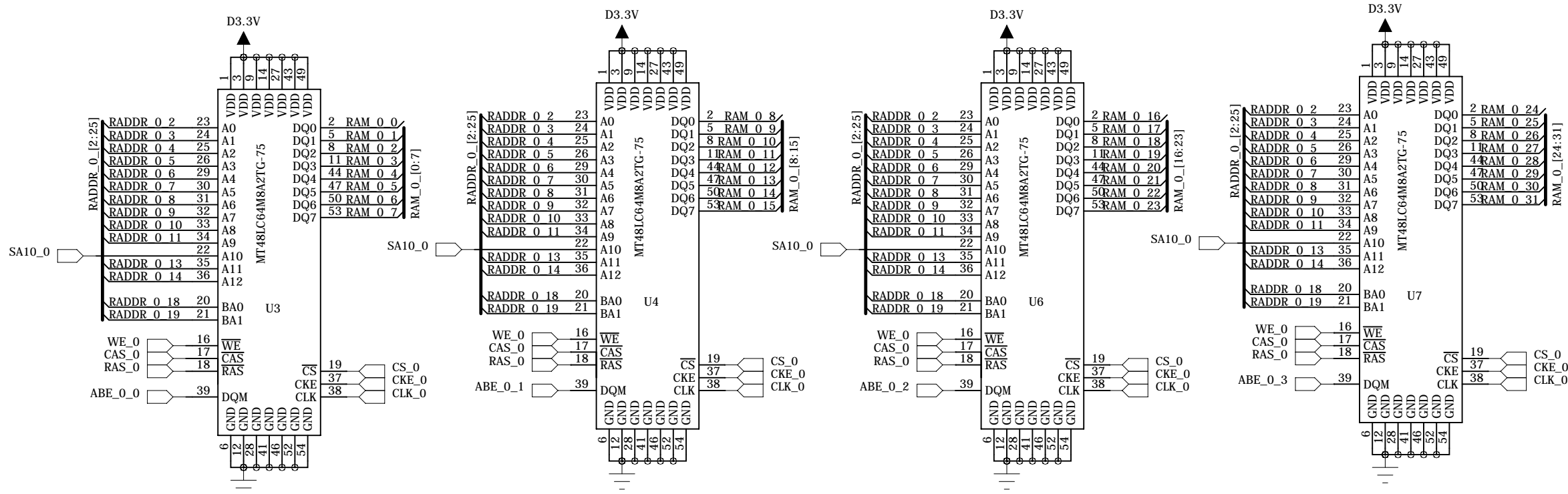
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TITLE: DSP_cPCI



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Page Description:

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[RAM_0]

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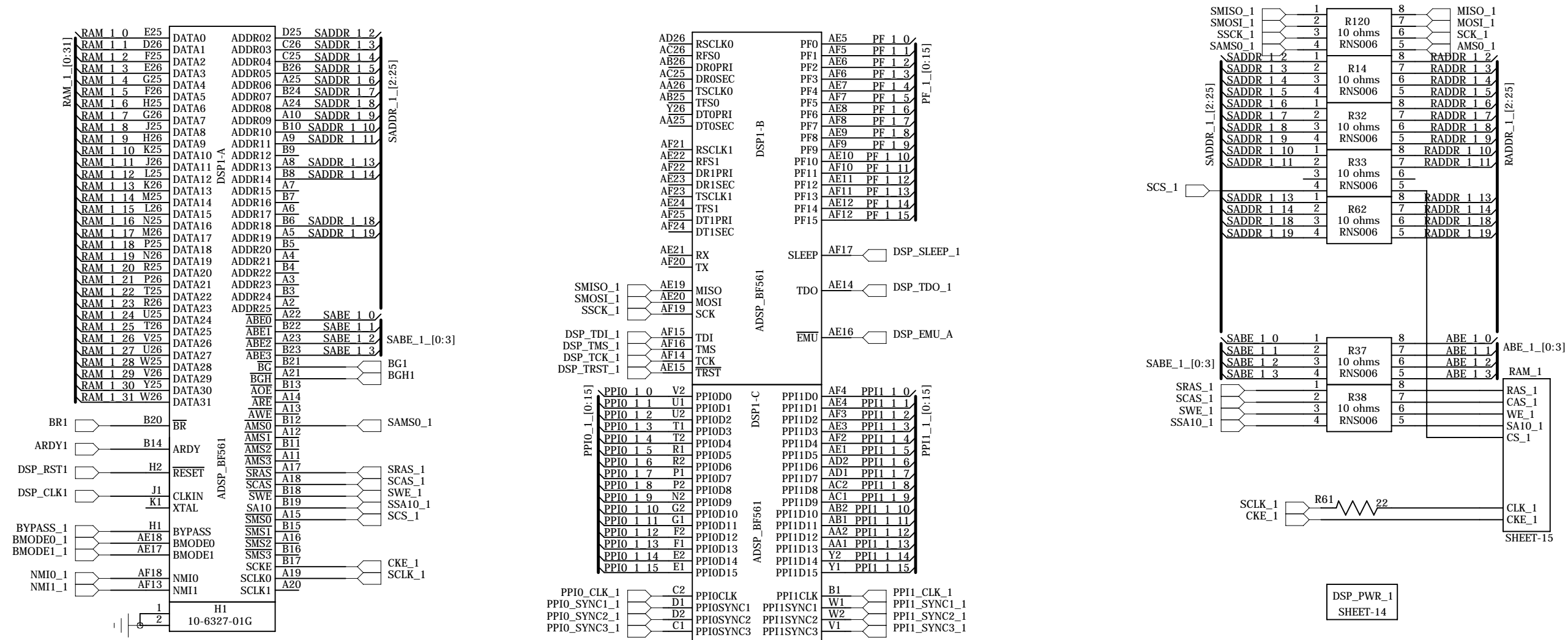
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TITLE: **DSP_cPCI**

Design:	Page Description:	REV:
LLR	DSP CTRL_1 Block	B

DATED: **07-JAN-2010** [DSP_1] SHEET: 13 OF 23

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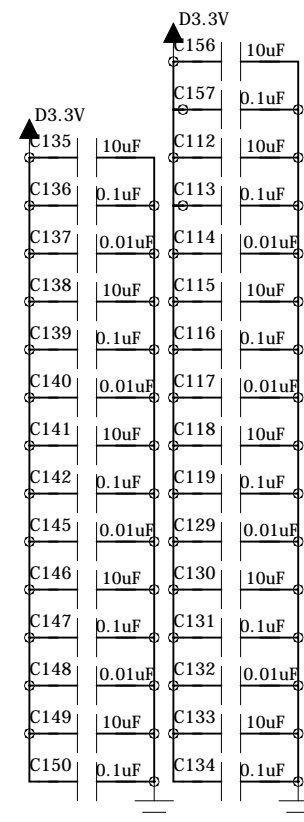
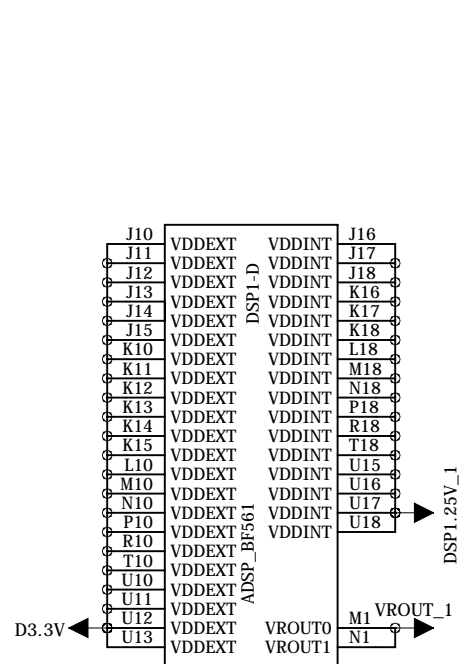
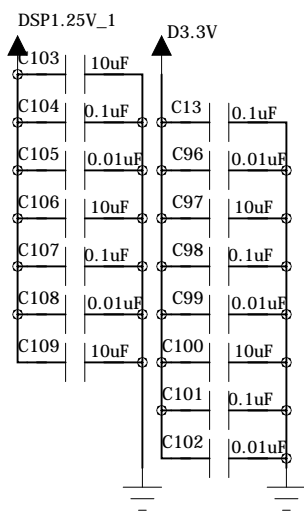
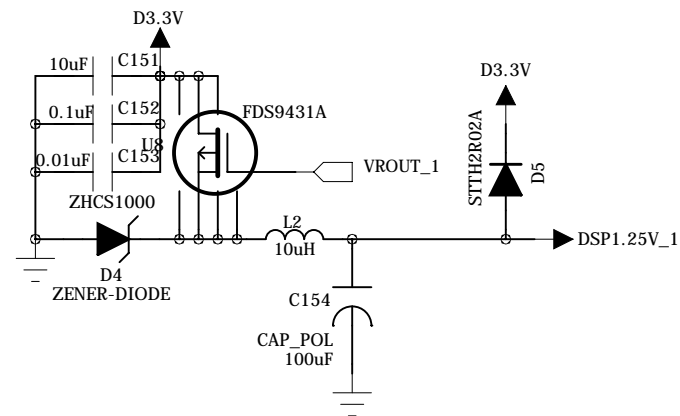
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TITLE: DSP_cPCI



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Page Description:

DSP Power_1 Block

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[DSP_PWR_1]

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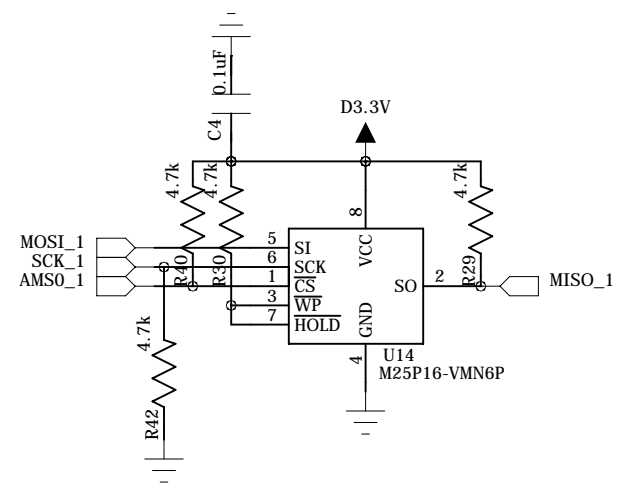
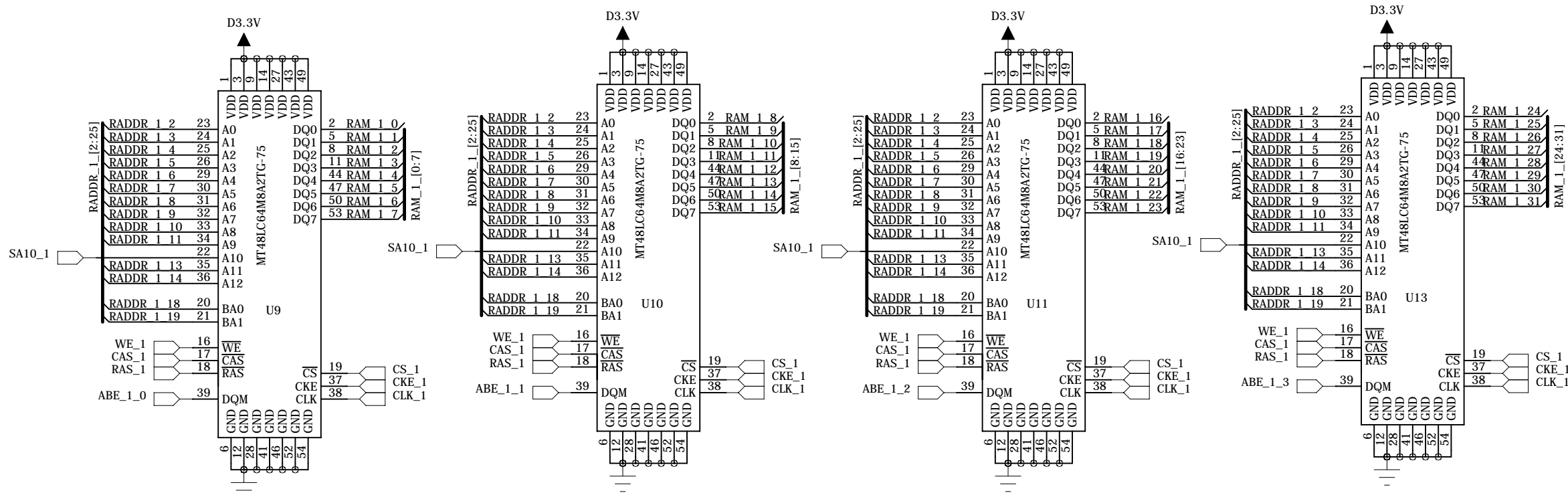
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TITLE: DSP_cPCI

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DATED: 07-JAN-2010 [RAM_1] SHEET: 15 OF 23

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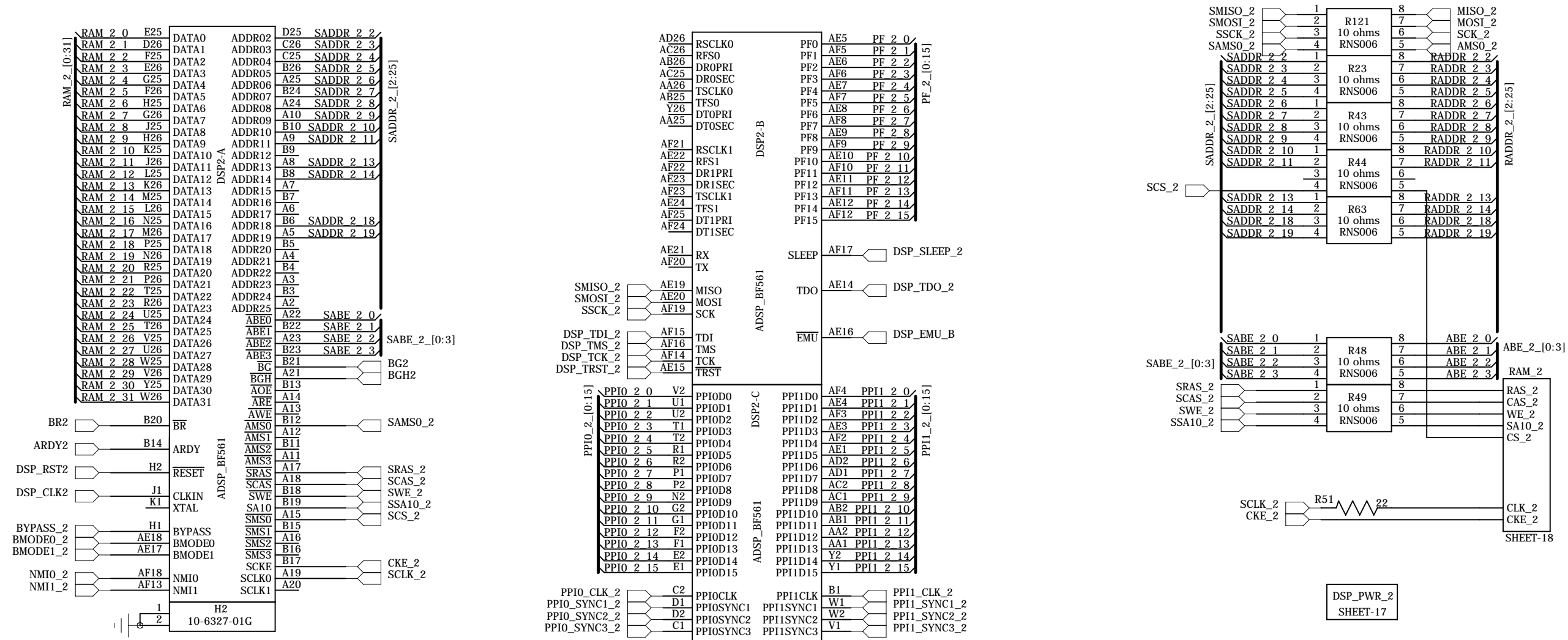
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TITLE: **DSP_cPCI**

Design:	Page Description:	REV:
LLR	DSP CTRL_2 Block	B

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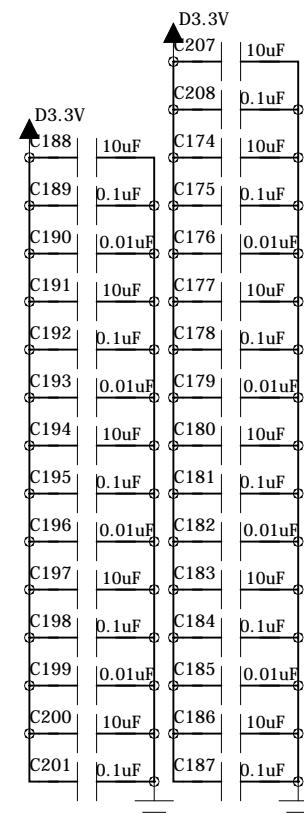
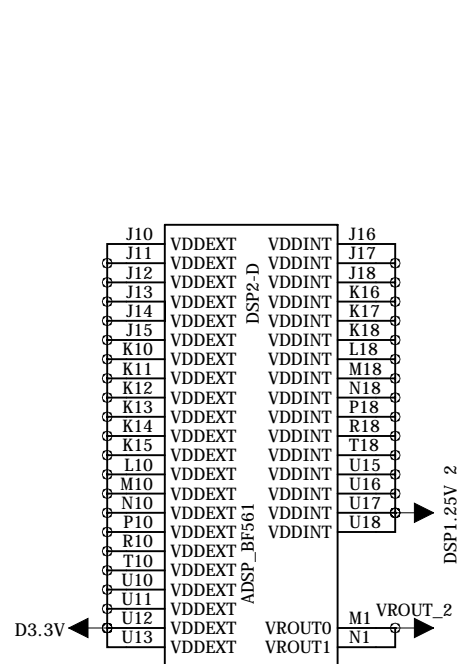
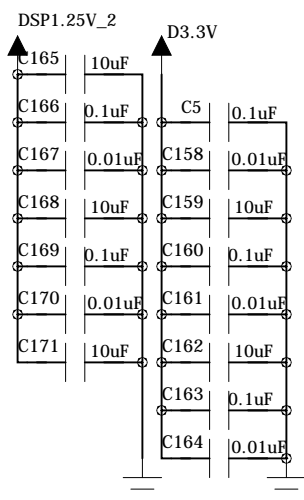
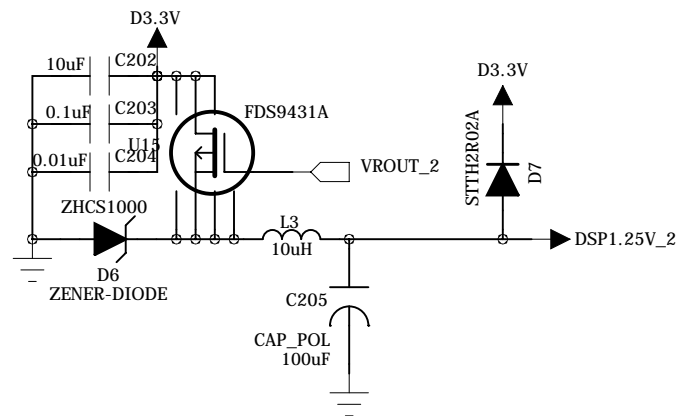
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TITLE: DSP_cPCI

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DATED: 07-JAN-2010 [DSP_PWR_2] SHEET: 17 OF 23

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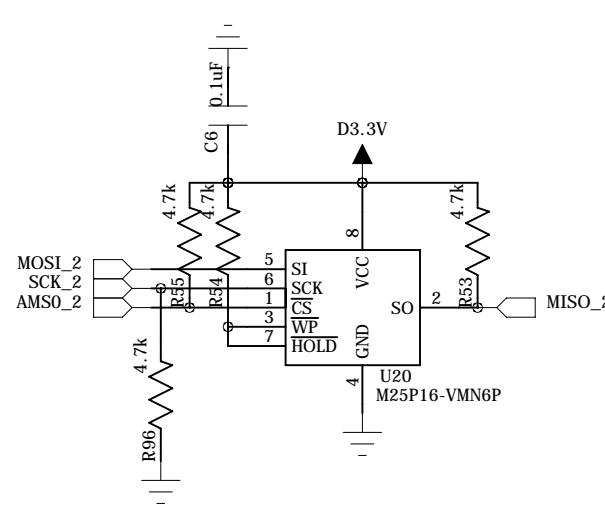
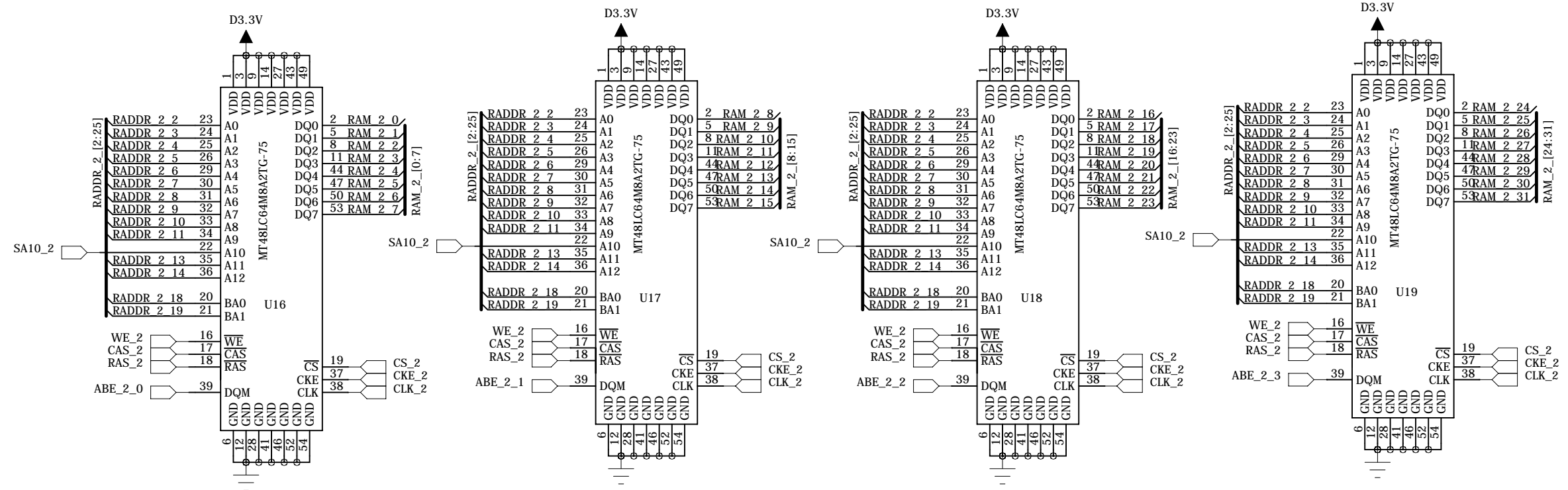
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TITLE: DSP_cPCI

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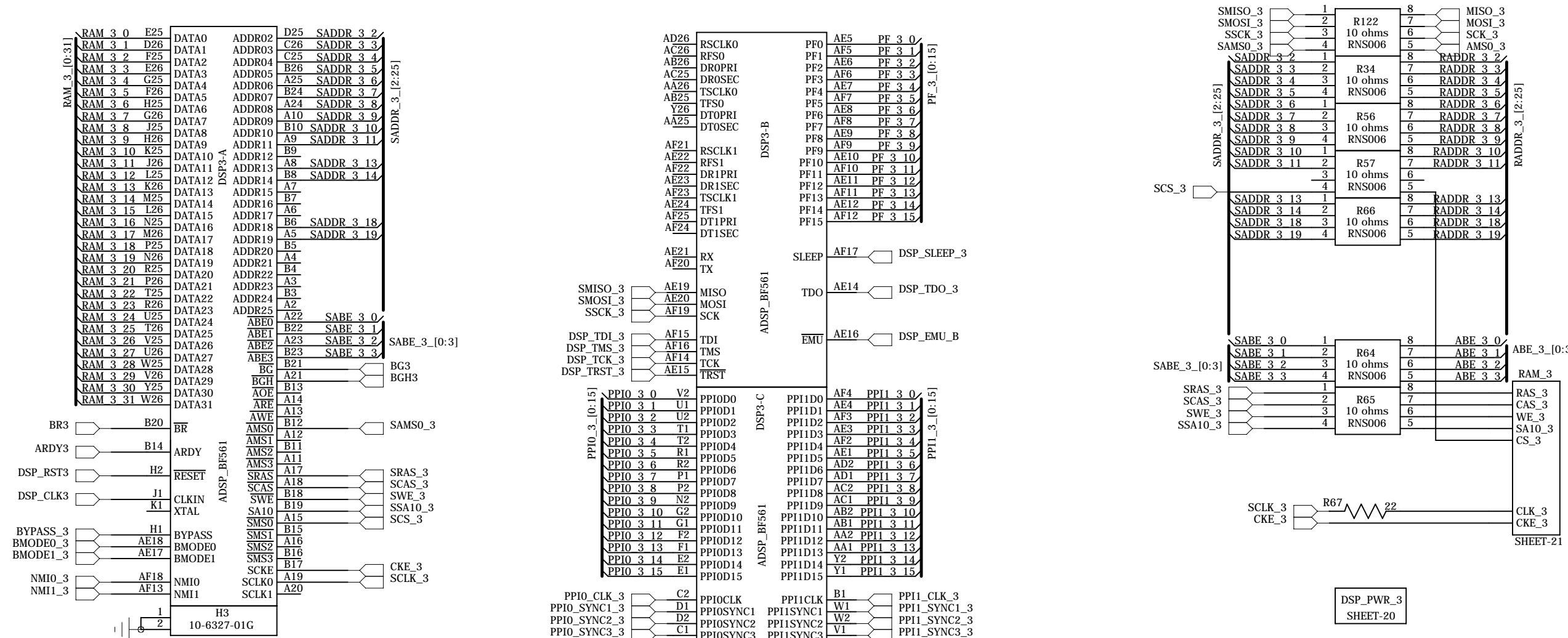
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TITLE: **DSP_cPCI**

Design:	Page Description:	REV:
LLR	DSP CTRL_3 Block	B

DATED: **07-JAN-2010** [DSP_3] SHEET: 19 OF 23

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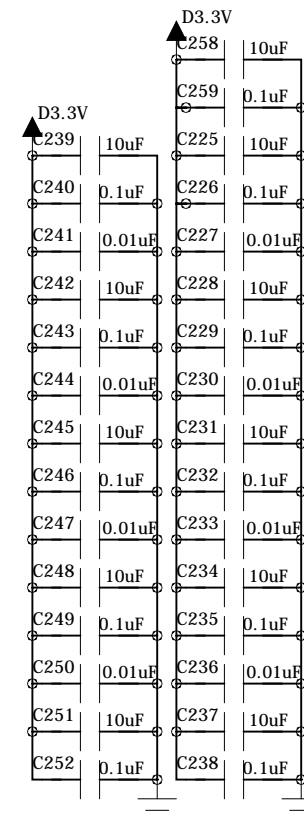
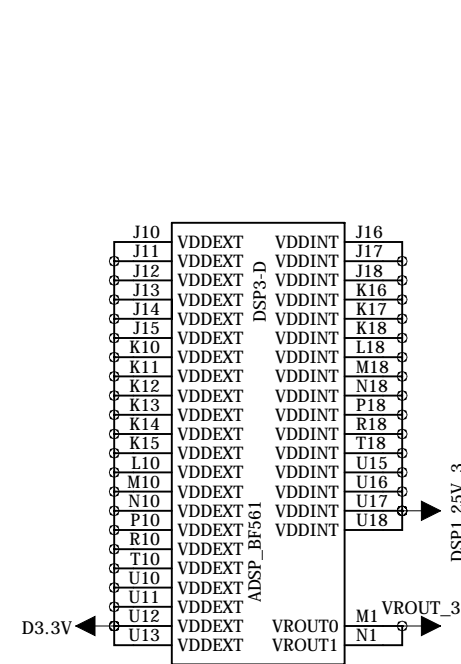
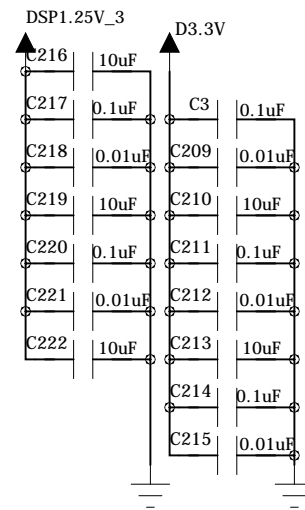
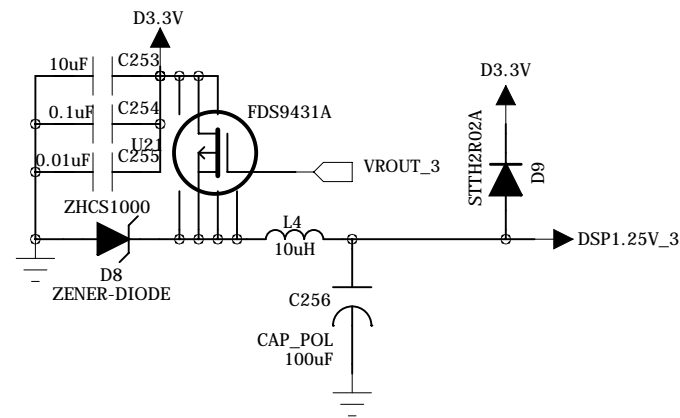
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TITLE: DSP_cPCI



Design:

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Page Description:

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[DSP_PWR_3]

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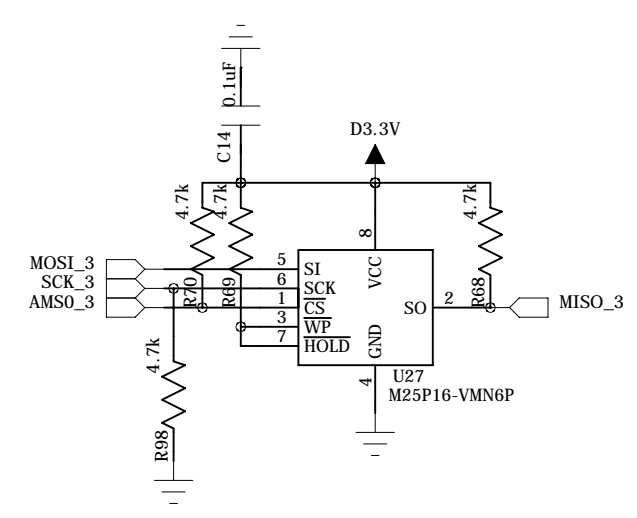
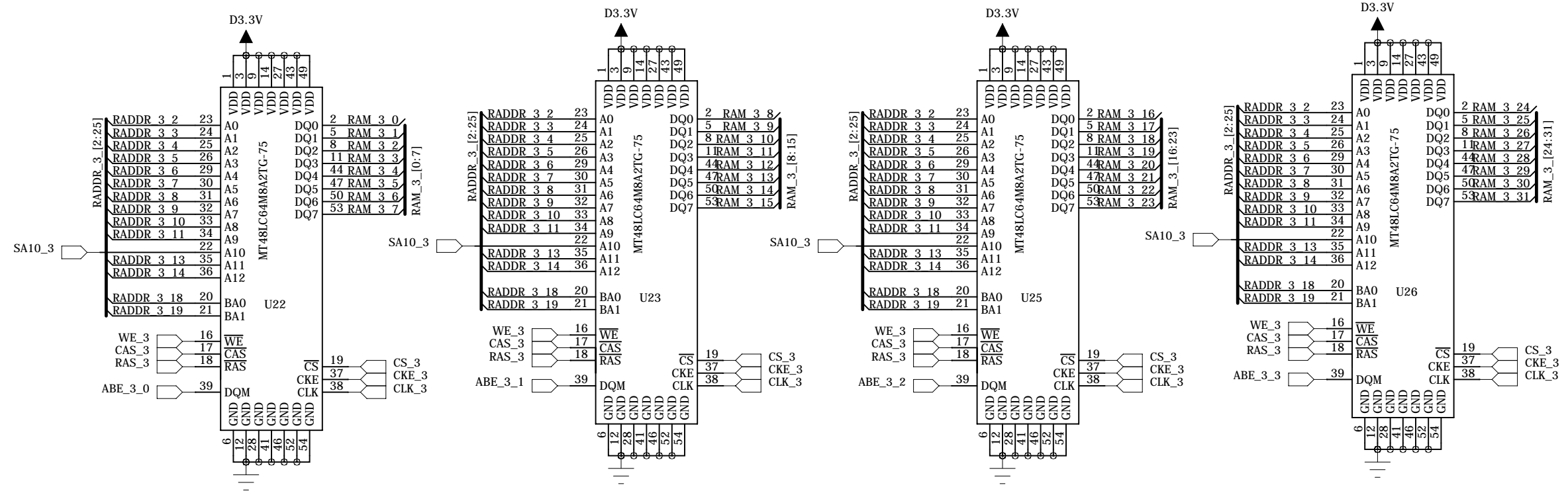
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TITLE: DSP_cPCI		
Design: LLR	Page Description: RAM_3 Block	REV: B
DATED: 07-JAN-2010	[RAM_3]	SHEET: 21 OF 23

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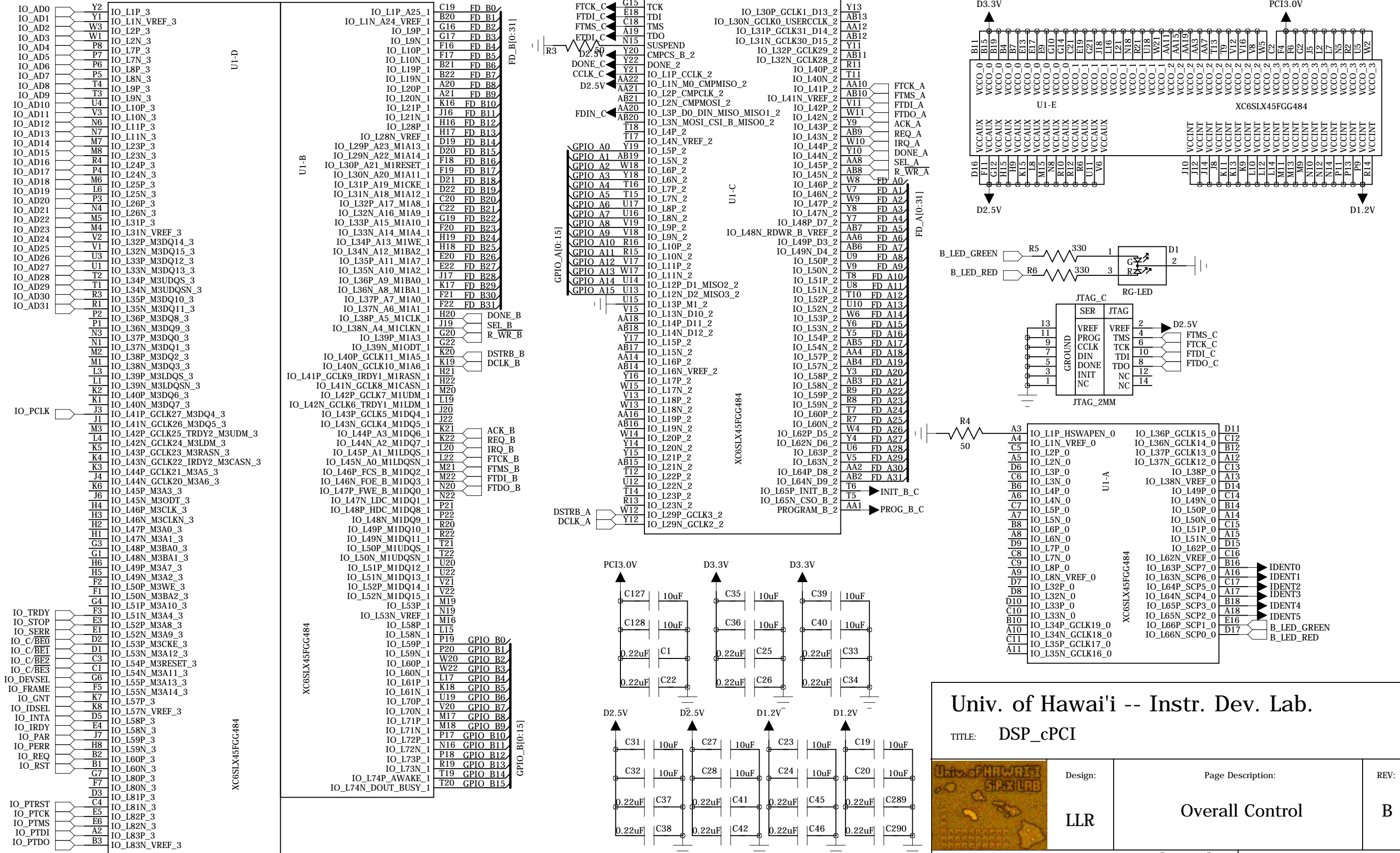
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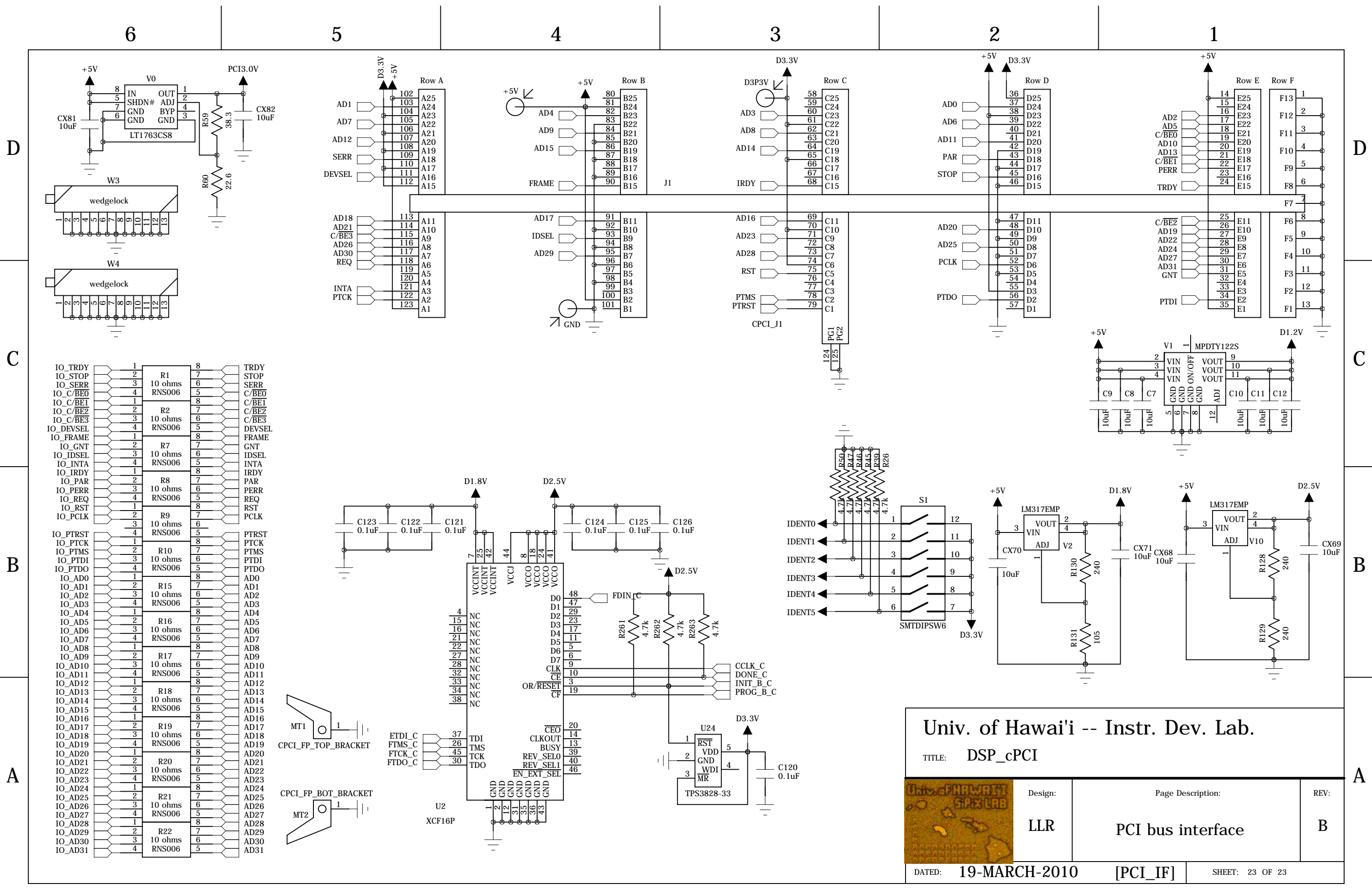
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<p>Univ. of Hawai'i -- Instr. Dev. Lab.</p> <p>TITLE: DSP_cPCI</p>		<p>Design: LLR</p>	<p>Page Description: Overall Control</p>	<p>REV: B</p>
<p>DATED: 19-MARCH-2010</p>		<p>[CTRL]</p>		<p>SHEET: 22 OF 23</p>



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IO_STOP	2	R1	7	STOP
IO_SERR	3	10 ohms	6	SERR
IO_C/BE0	4	RNS006	5	C/BE0
IO_C/BE1	1		8	C/BE1
IO_C/BE2	2	R2	7	C/BE2
IO_C/BE3	3	10 ohms	6	C/BE3
IO_DEVSEL	4	RNS006	5	DEVSEL
IO_FRAME	1		8	FRAME
IO_GNT	2	R7	7	GNT
IO_IDSEL	3	10 ohms	6	IDSEL
IO_INTA	4	RNS006	5	INTA
IO_IRDY	1		8	IRDY
IO_PAR	2	R8	7	PAR
IO_PERR	3	10 ohms	6	PERR
IO_REQ	4	RNS006	5	REQ
IO_RST	1		8	RST
IO_PCLK	2	R9	7	PCLK
IO_PTRST	3	10 ohms	6	PTRST
IO_PTCK	4	RNS006	5	PTCK
IO_PTMS	1		8	PTMS
IO_PTD1	2	R10	7	PTD1
IO_PTD0	3	10 ohms	6	PTD0
IO_AD0	4	RNS006	5	AD0
IO_AD1	1		8	AD1
IO_AD2	2	R15	7	AD2
IO_AD3	3	10 ohms	6	AD3
IO_AD4	4	RNS006	5	AD4
IO_AD5	1		8	AD5
IO_AD6	2	R16	7	AD6
IO_AD7	3	10 ohms	6	AD7
IO_AD8	4	RNS006	5	AD8
IO_AD9	1		8	AD9
IO_AD10	2	R17	7	AD10
IO_AD11	3	10 ohms	6	AD11
IO_AD12	4	RNS006	5	AD12
IO_AD13	1		8	AD13
IO_AD14	2	R18	7	AD14
IO_AD15	3	10 ohms	6	AD15
IO_AD16	4	RNS006	5	AD16
IO_AD17	1		8	AD17
IO_AD18	2	R19	7	AD18
IO_AD19	3	10 ohms	6	AD19
IO_AD20	4	RNS006	5	AD20
IO_AD21	1		8	AD21
IO_AD22	2	R20	7	AD22
IO_AD23	3	10 ohms	6	AD23
IO_AD24	4	RNS006	5	AD24
IO_AD25	1		8	AD25
IO_AD26	2	R21	7	AD26
IO_AD27	3	10 ohms	6	AD27
IO_AD28	4	RNS006	5	AD28
IO_AD29	1		8	AD29
IO_AD30	2	R22	7	AD30
IO_AD31	3	10 ohms	6	AD31
	4	RNS006	5	

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