

Notes

Using the PMC Card in A Backplane Environment

The 79PMC438 reference board can also be used with a CPCI adapter card in a backplane environment. When using the PMC card along with the CPCI adapter (79CP438), and a 8 slot backplane, the interrupt assignment changes to the following:

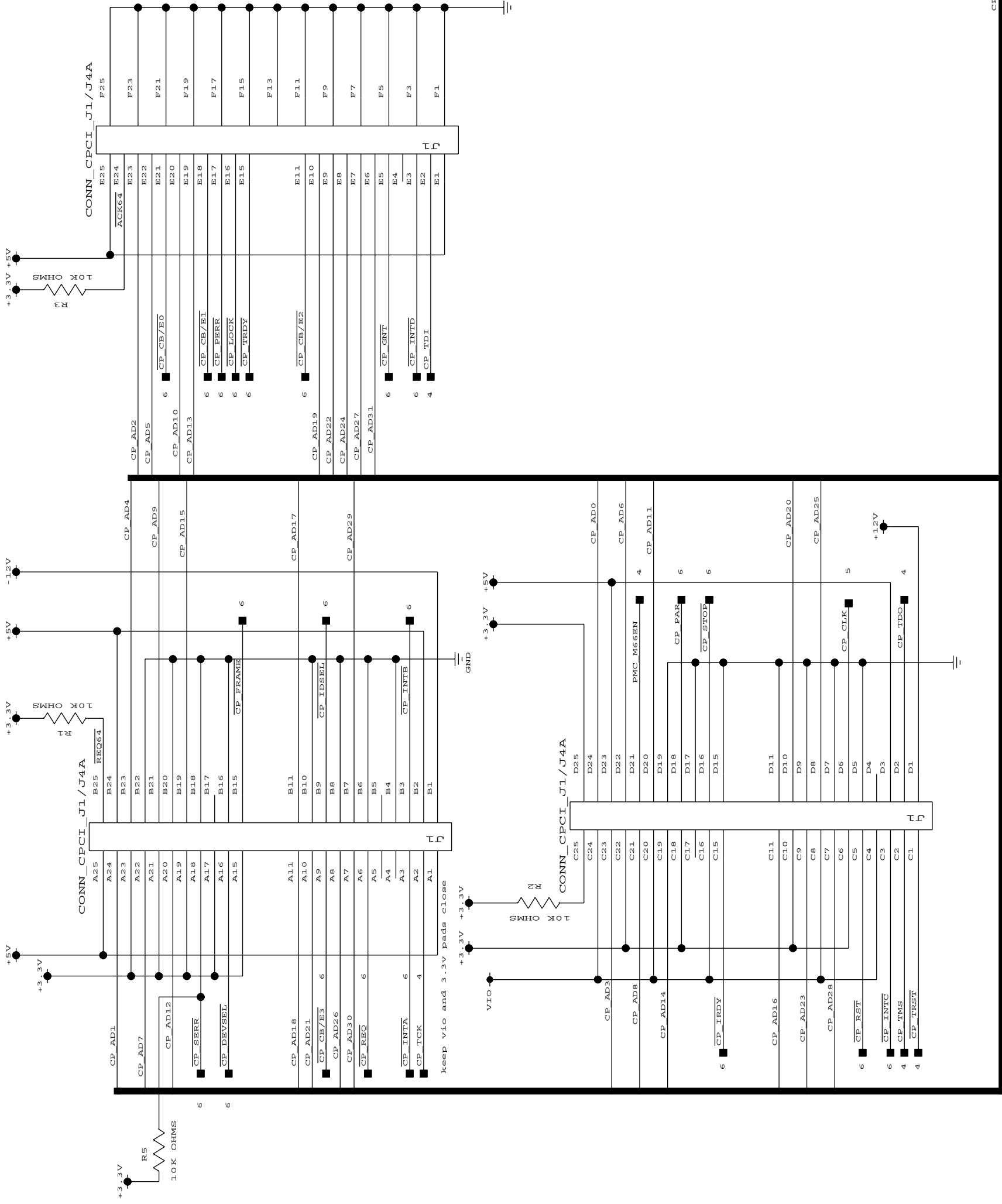
Device #	ID_SEL	Config. Address	CPCI_SLOT #	Assigned Interrupt	GPIO Pin #
15	PCI_AD25	0x8000_7800	SLOT_8	D	11
16	PCI_AD26	0x8000_8000	SLOT_7	C	10
17	PCI_AD27	0x8000_8800	SLOT_6	B	9
18	PCI_AD28	0x8000_9000	SLOT_5	A	8
19	PCI_AD29	0x8000_9800	SLOT_4	D	11
20	PCI_AD30	0x8000_A000	SLOT_3	C	10
21	PCI_AD31	0x8000_A800	SLOT_2	B	9

Figure 1 Interrupt Assignments Used with CPCI Adapter Card

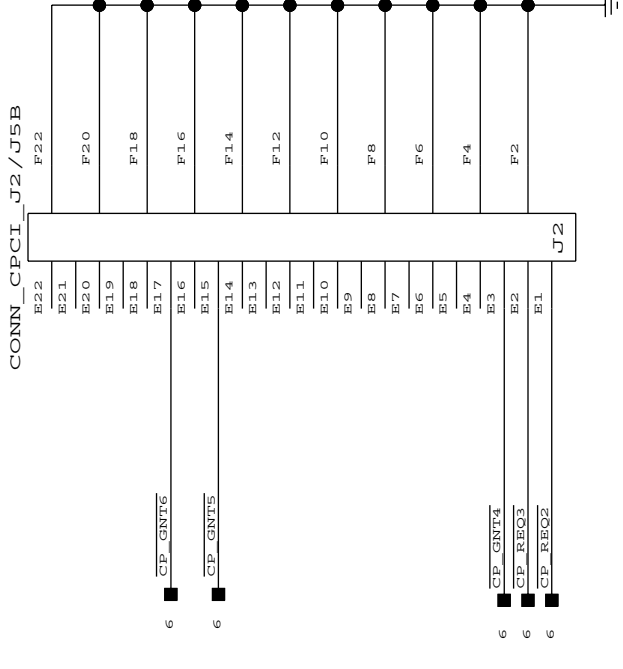
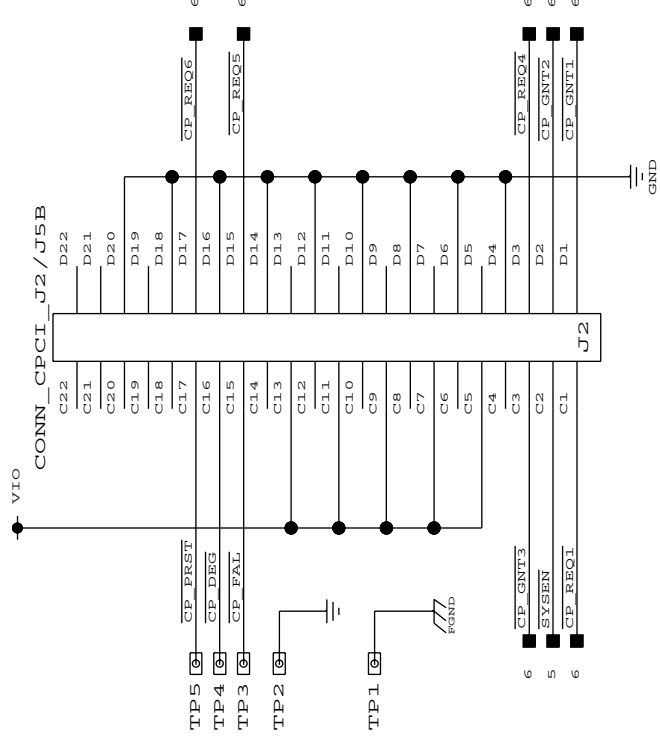
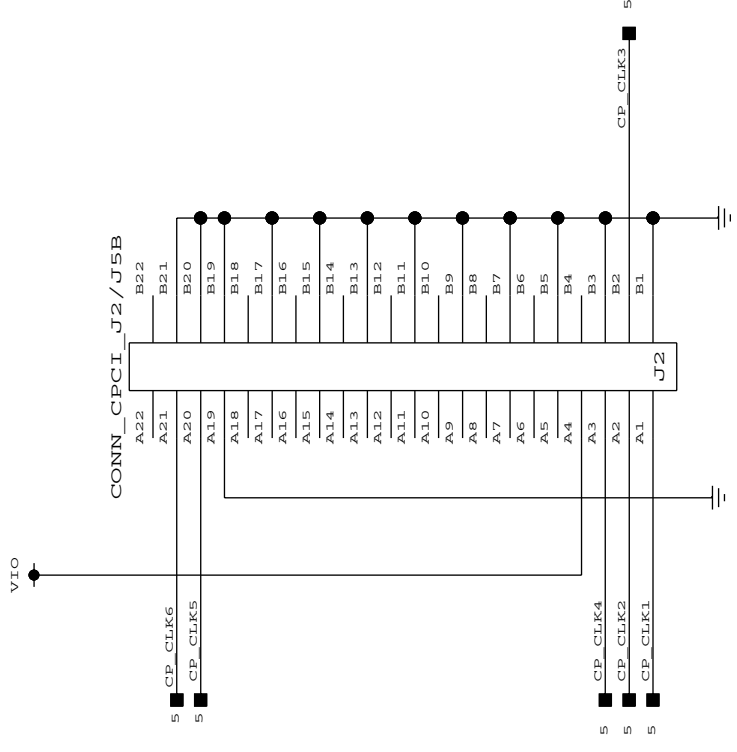
CPCI Adapter Card Schematics

DCN		REV		DESCRIPTION		DATE		CHG BY	
SFTGC-000901		1.0		INITIAL RELEASE		11-20-02		G.S.	

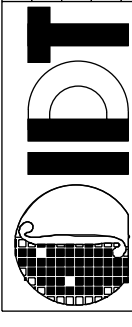
SHEET	DESCRIPTION
1	TABLE OF CONTENTS
2	CPCI CONNECTOR 1
3	CPCI CONNECTOR 2
4	PMC CONNECTOR 1, 2
5	PMC CONNECTOR 3
6	CPCI TERMINATIONS (STD.)



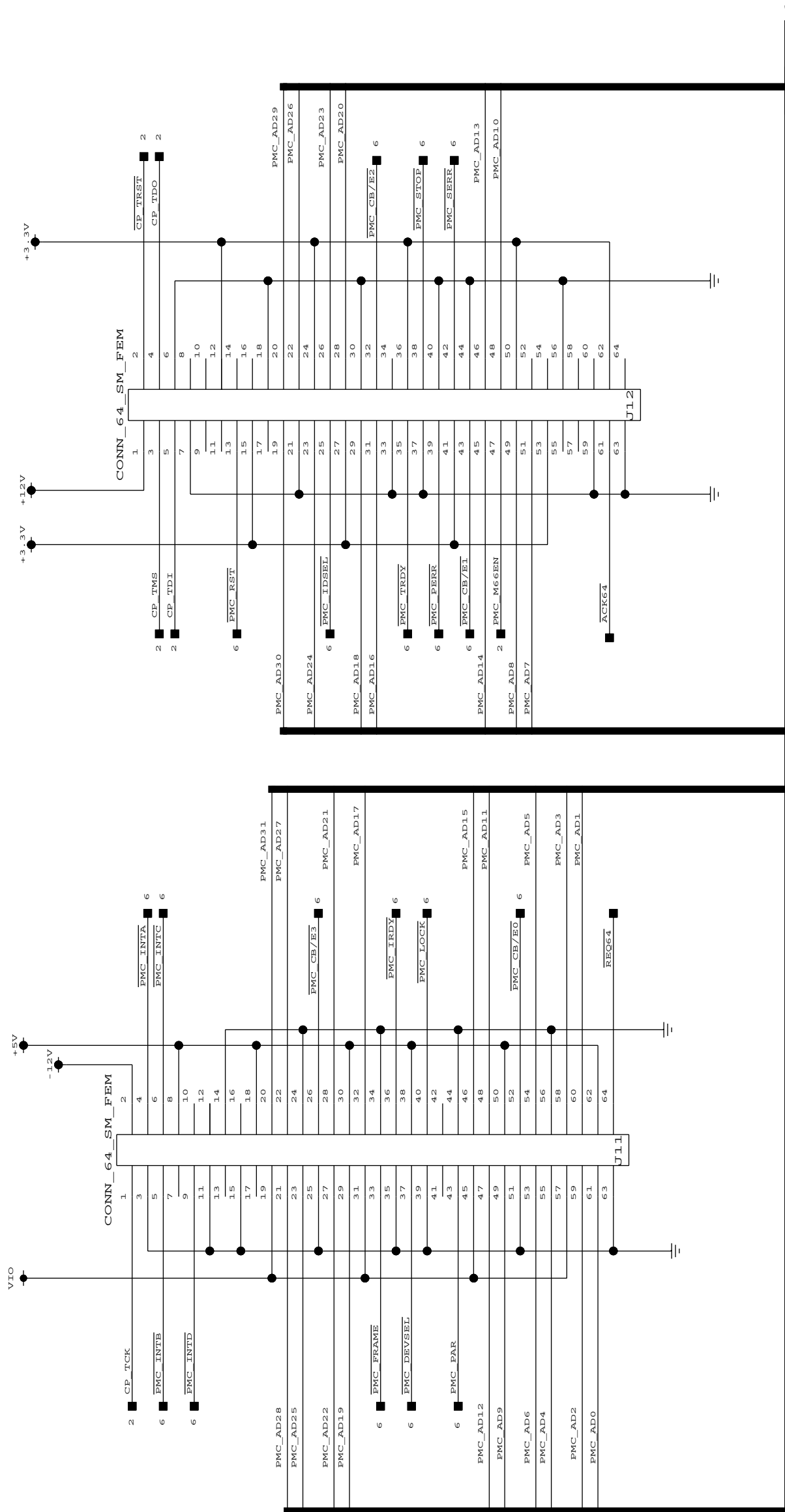
CP_AD [0:31]



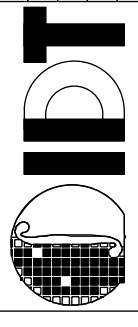
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SH. TITLE: CPCI connector 2
PROJECT: 79CPC438 ACACIA CPCI ADAPTER CARD
DOC NO: STGSCH-00011 REV: 1.0
FAB P/N: 18-564-000 PG NO: 3 OF 6
DWG BY: RAKESH BHATIA ENG: RAKESH BHATIA



6
PMC_AD [0:31]



CONN_64_SM_FEM

3	CP_CLK1	1	2
6	P_FCIREQ1	3	4
6	P_FCIGNT1	5	6
3	CP_CLK2	7	8
6	P_FCIREQ2	9	10
6	P_FCIGNT2	11	12
3	CP_CLK3	13	14
6	P_FCIREQ3	15	16
6	P_FCIGNT3	17	18
3	CP_CLK4	19	20
6	P_FCIREQ4	21	22
6	P_FCIGNT4	23	24
3	CP_CLK5	25	26
6	P_FCIREQ5	27	28
6	P_FCIGNT5	29	30
3	CP_CLK6	31	32
6	P_FCIREQ6	33	34
6	P_FCIGNT6	35	36
3	SYSEN	37	38
2	CP_CLK	39	40
6	PMC_REQ	41	42
6	PMC_GNT	43	44
		45	46
		47	48
		49	50
		51	52
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		61	62
		63	64

J14

10 ohm resistors need to be close to cpci conn

