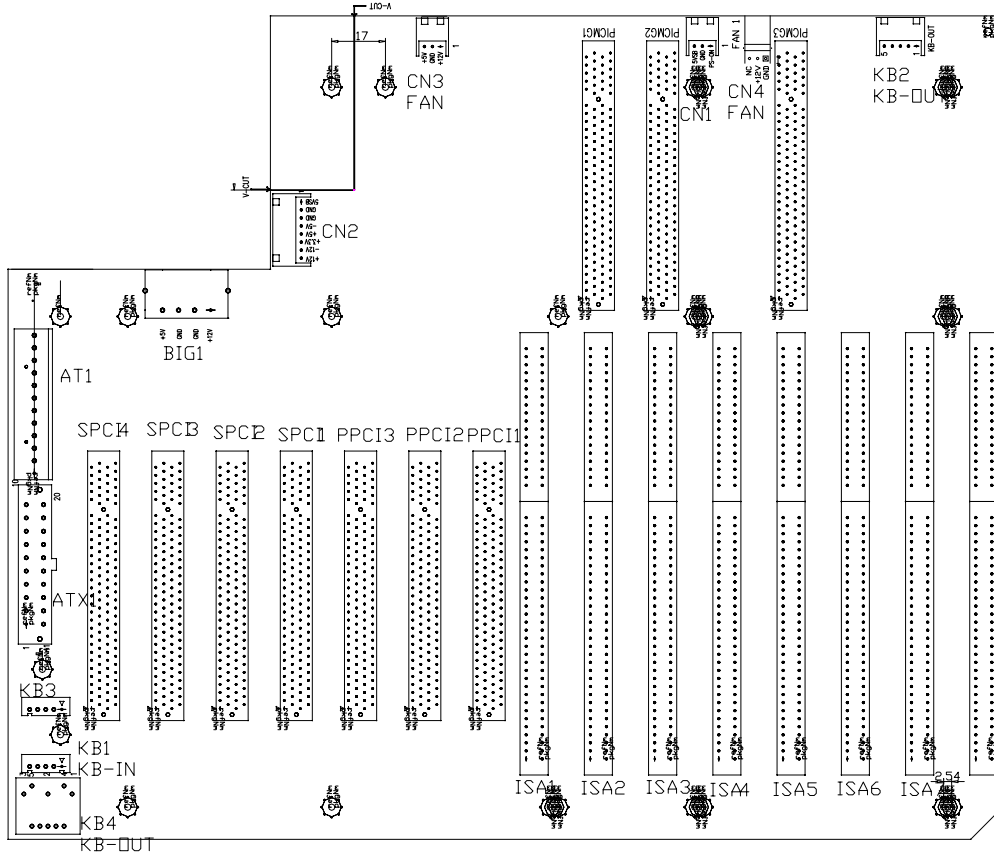


PCA-6114P7-0D3E: 14 Slot BP, 4 ISA, 6 PCI, 3 PICMG, 1 PCI/ISA Rev.

D301-1

1. Connectors



PN: 200K6114A0

Connector	Description
ISA1, ISA14, ISA6~ISA8	16 Bit ISA Bus connector
ISA2, ISA3, ISA5	PICMG connector (ISA Slot in PICMG1, PICMG2, PICMG3)
PICMG1, PICMG2, PICMG3	PICMG connector (PCI Slot in PICMG1, PICMG2, PICMG3)
PPCI1~PPCI3	32 bit PCI slot
SPCI1~SPCI4	32 bit PCI slot
KB1, KB3	KB-Out, from CPU card K/B connector (180°P)
KB2	KB-In, 5 pin external K/B connector (90°P)
KB4	KB-Out, external connector
KB5	KB-Out, PS/2 connector (reserver)
AT1	AT Power connector
ATX1	ATX Power connector
BIG1	Big 4 pin Power connector
CN1	PS-ON Function, to CPU card for ATX power signal, 3 pin connector
CN2	8 pin Alarm Board Power connector
CN3	3 pin +5V and +12V Power connector
CN4	+12V DC Fan connector (reserver)

2. Connector Pin Definition

ATX1	
Pin	Name
1	+3.3V
2	+3.3V
3	COM
4	+5V
5	COM
6	+5V
7	COM
8	Power OK
9	+5VSB(Standby)
10	+12V
11	+3.3V
12	-12V
13	COM
14	PS-ON
15	COM
16	COM
17	COM
18	-5V
19	+5V
20	+5V

KB1,KB2,KB3, KB4, KB5	
Pin	Name
1	KBCLK
2	KBDATA
3	NC
4	KBGND
5	KBVCC

AT1	
Pin	Name
1	NC
2	+5V
3	+12V
4	-12V
5	GND
6	GND
7	GND
8	GND
9	-5V
10	+5V
11	+5V
12	+5V

CN1	
Pin	Name
1	PS-ON
2	GND
3	5VSB

CN2	
Pin	Name
1	5VSB
2	GND
3	GND
4	-5V
5	+5V
6	+3.3V
7	-12V
8	+12V

CN3	
Pin	Name
1	+12V
2	GND
3	+5V

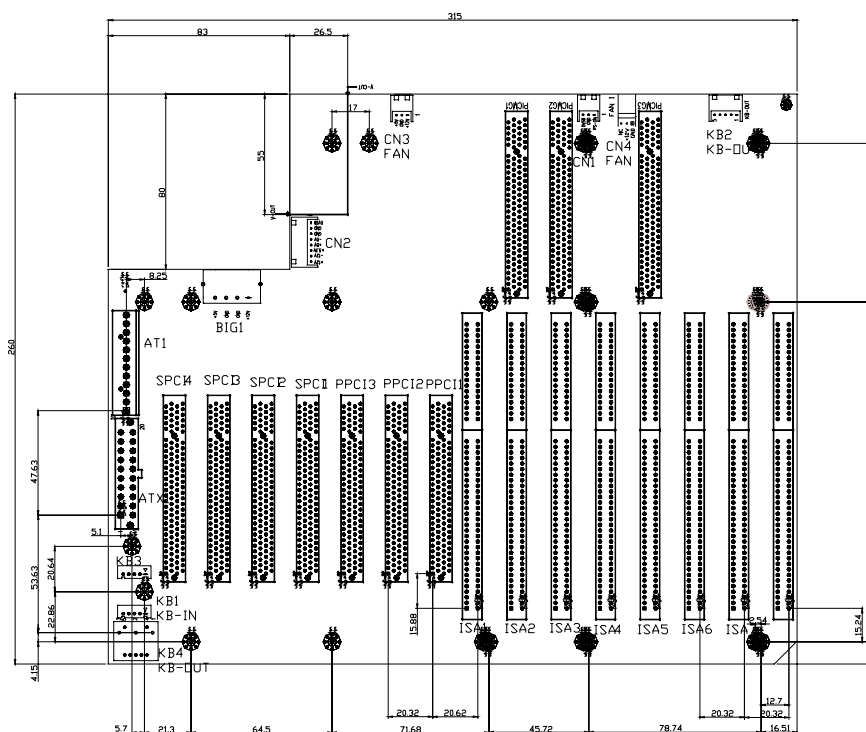
BIG1	
Pin	Name
1	+12V
2	GND
3	GND
4	+5V

CN4 (Optional)	
Pin	Name
1	GND
2	+12V
3	NC

3. PCI Routing Table

PCI SLOT	ID SEL	PCI interrupt pin route			
		INTA	INTB	INTC	INTD
PCI1	S AD31	INTB	INTC	INTD	INTA
PCI2	S AD30	INTC	INTD	INTA	INTB
PCI3	S AD29	INTD	INTA	INTB	INTC
SPC11	S_AD20	INTA	INTB	INTC	INTD
SPC12	S_AD21	INTB	INTC	INTD	INTA
SPC13	S_AD22	INTC	INTD	INTA	INTB
SPC14	S_AD23	INTD	INTA	INTB	INTC

4. Mechanical Dimension



5. Notes

- * Support for 3.3V PCI card when ATX power supply is used.