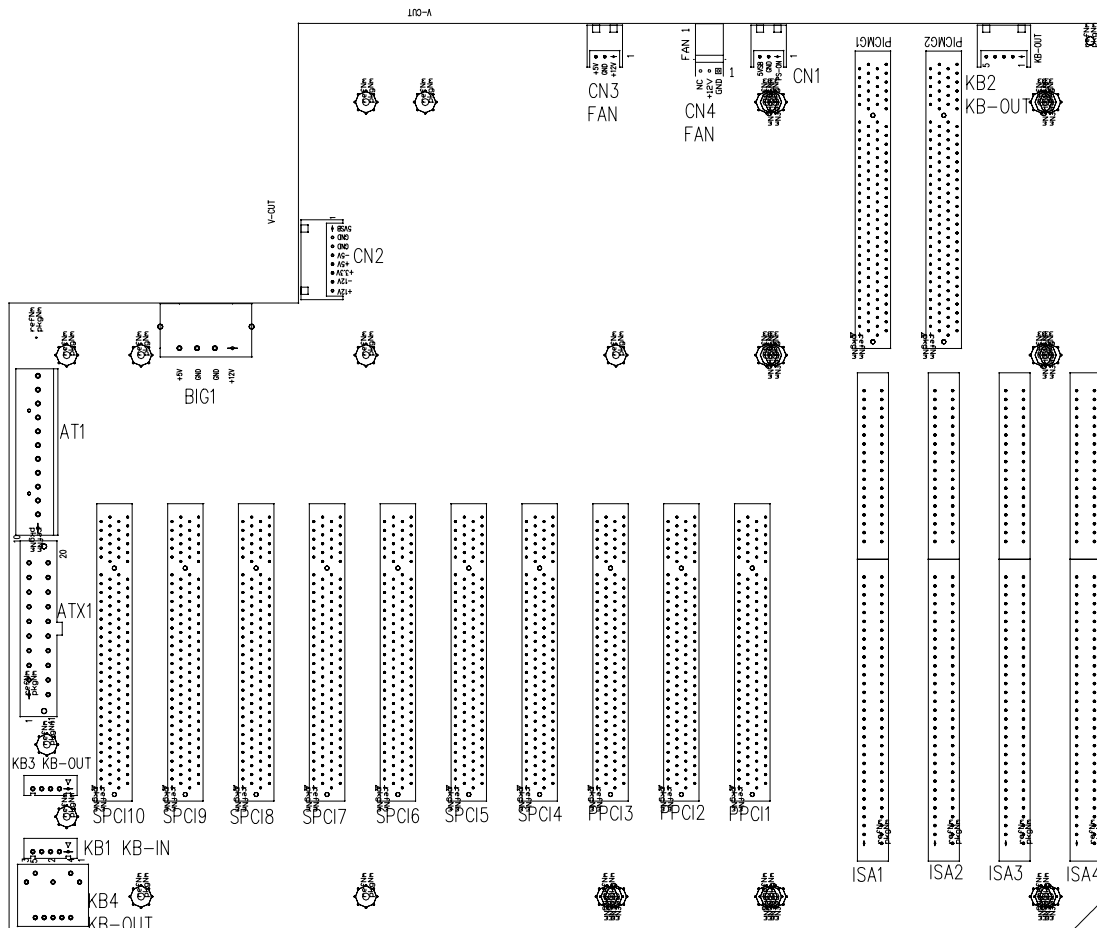


# PCA-6114P10-0B2E: 14 Slot BP, 2 PICMG, 10 PCI, 2 ISA, Rev.B2

## 1. Connectors



PN: 200K611490

Connector	Description
ISA1, ISA2	ISA Slot
ISA3, ISA4	PICMG connector (PCI Slot is PICMG1, PICMG2)
PICMG1, PICMG2	PICMG connector
PPCI1~PPCI3	32 bit / 33 MHz PCI slot
SPCI4~SPCI10	32 bit / 33 MHz PCI slot
KB1	KB-In or KB-Out connector (90°P)
KB2, KB3	KB-In or KB-Out connector (180°P)
KB4	KB-Out, external connector
AT1	Main AT Power connector supply +/-5V, +/-12V
ATX1	Main ATX Power connector supply +3.3V, +/-5V, +/-12V, 5VSB
BIG1	Big 4 pin Power connector supply auxiliary +5V, +12V
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 Fan connector
CN4	+12V DC Fan connector

## 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	
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

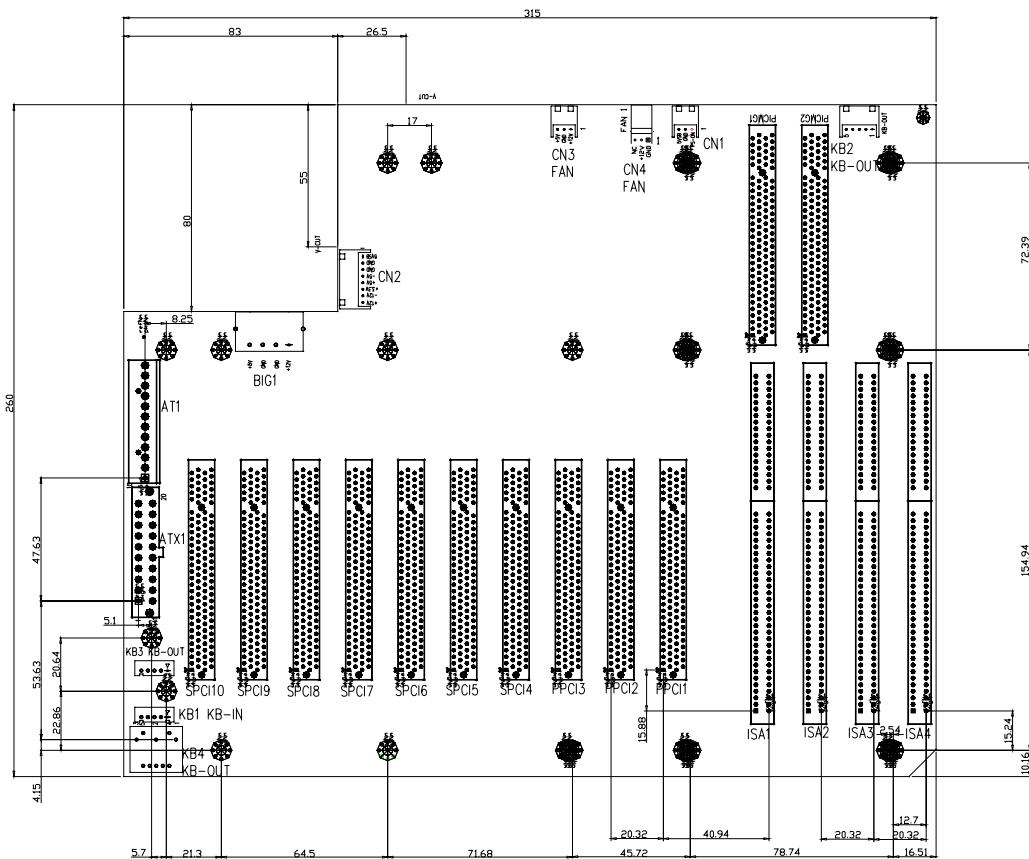
CN4	
Pin	Name
1	GND
2	+12V
3	NC

### 3. PCI Routing Table

Primary PCI Group					
PCI SLOT	ID SEL	PCI interrupt pin route			
		INTA	INTB	INTC	INTD
PPCI1	P_AD31	INTB	INTC	INTD	INTA
PPCI2	P_AD30	INTC	INTD	INTA	INTB
PPCI3	P_AD29	INTD	INTA	INTB	INTC

Secondary PCI Group					
PCI SLOT	ID SEL	PCI interrupt pin route			
		INTA	INTB	INTC	INTD
SPCI1	P_AD20	INTA	INTB	INTC	INTD
SPCI2	P_AD21	INTB	INTC	INTD	INTA
SPCI3	P_AD22	INTC	INTD	INTA	INTB
SPCI4	P_AD23	INTD	INTA	INTB	INTC

### 4. Mechanical Dimension



### 5. Notes

\* Support for 3.3V PCI card when BTX power supply is used.