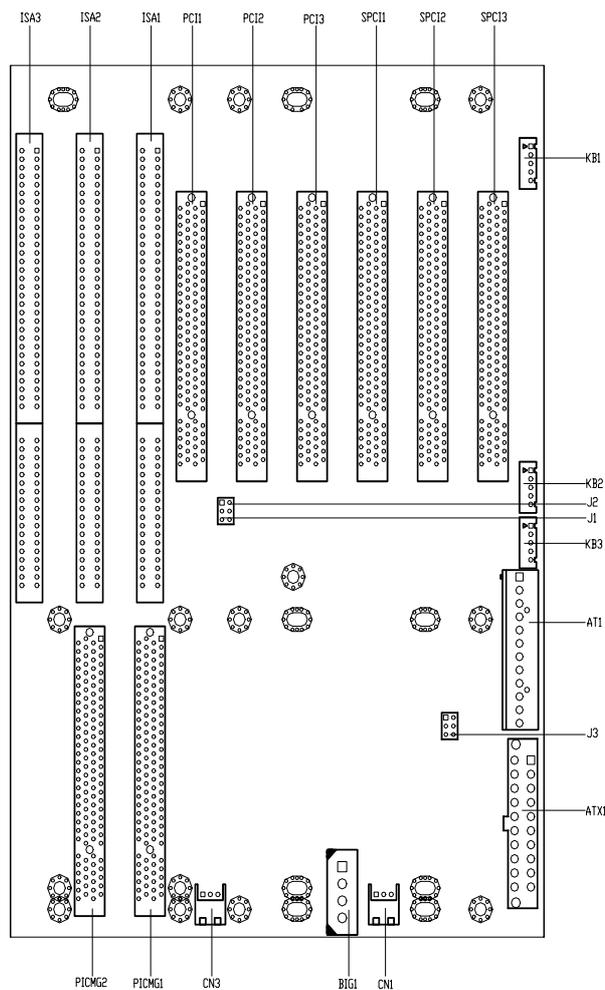


# PCA-6108P6 Rev.B301-1

8 slot PICMG BP, 1 ISA, 5 PCI, 1 PICMG, 1 PICMG/PCI, Rev.B 301-1

## 1.Connectors

Connector	Description
ISA1	16 Bit ISA Bus connector
ISA2 , ISA3	PICMG connector
PICMG1,PICMG2	PICMG connector (PCI slot is PICMGA1,PICMGA2)
PCI1~PCI3	32 bit PCI slot (Primary Group)
SPCI1-SPCI2	32 bit PCI slot (Secondary Group)
KB1	KB-In connector (180'P)
KB2-KB3	KB-Out connector (180'P)
BIG1	Big 4 Pin connector Supply Auxiliary +/-5v,+/-12v,Power (90'P)
AT1	Main AT Power connector Supply +/-5v,+/-12v Power(180'P)
ATX1	Main ATX Power Connector Supply +/-3.3v,+/-5v,+/-12v,5vSB Power (180'P)
CN1	PS-ON to CPU card for ATX Power signal, 3 pin connector (90'P)
CN3	3 pin +5V and +12V Fan Connector (90'P)
J1	PPCI1 #IDSEL selector
J2	PPCI2 #IDSEL selector
J3	SVIO 5V/3V selector



PN: 200K610860

## 2. Connector Pin Definition:

KB1-KB3	
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

ATX1	
Pin	Name
1	+3.3V
2	+3.3V
3	GND
4	+5V
5	GND
6	+5V
7	GND
8	NC
9	5VSB
10	+12V
11	+3.3V
12	-12V
13	GND
14	PS-ON
15	GND
16	GND
17	GND
18	-5V
19	+5V
20	+5V

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

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

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

J1: PCI1	IDSEL
Closed pins	Result
1-2	PCI1 Address is AD31
2-3	PCI1 Address is AD27

J2: PCI1	IDSEL
Closed pins	Result
1-2	PCI1Address is AD30
2-3	PCI1Address is AD26

J3: SVI0	5V/3.3V Selector
Closed pins	Result
1-3,2-4	Set SVI0 to 3.3v
3-5,4-6	Set SVI0 to 5v

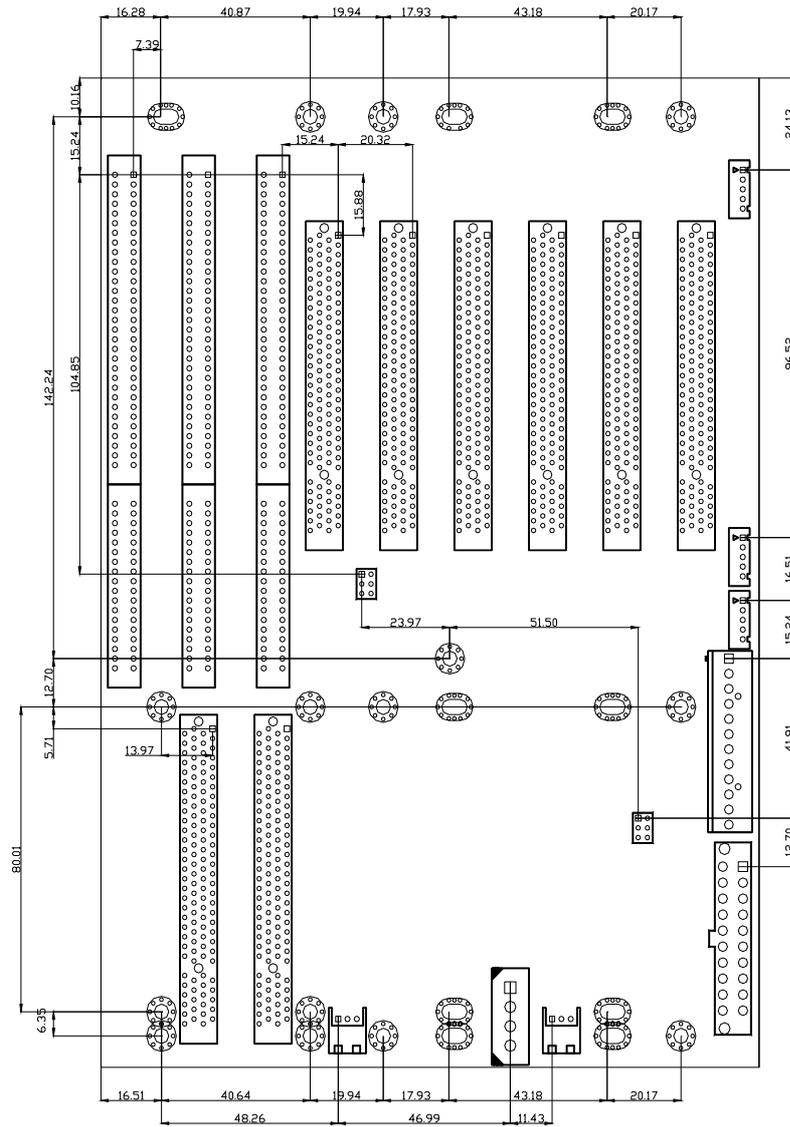


## 3. PCI

### Routing Table

PCI SLOT	ID SEL	PCI interrupt pin route			
		INTA	INTB	INTC	INTD
PCI1	AD31 OR AD27	INTB	INTC	INTD	INTA
PCI2	AD30 OR AD26	INTC	INTD	INTA	INTB
PCI3	AD29	INTD	INTA	INTB	INTC
SPCI1	SAD20	INTA	INTB	INTC	INTD
SPCI2	SAD21	INTB	INTC	INTD	INTA
SPCI3	SAD22	INTC	INTD	INTA	INTB

## 4 Mechanical Dimension



## 5. Note

- \* Support for 3.3V PCI card when ATX power supply is used
- \* No 3.3V is available when AT power supply is use