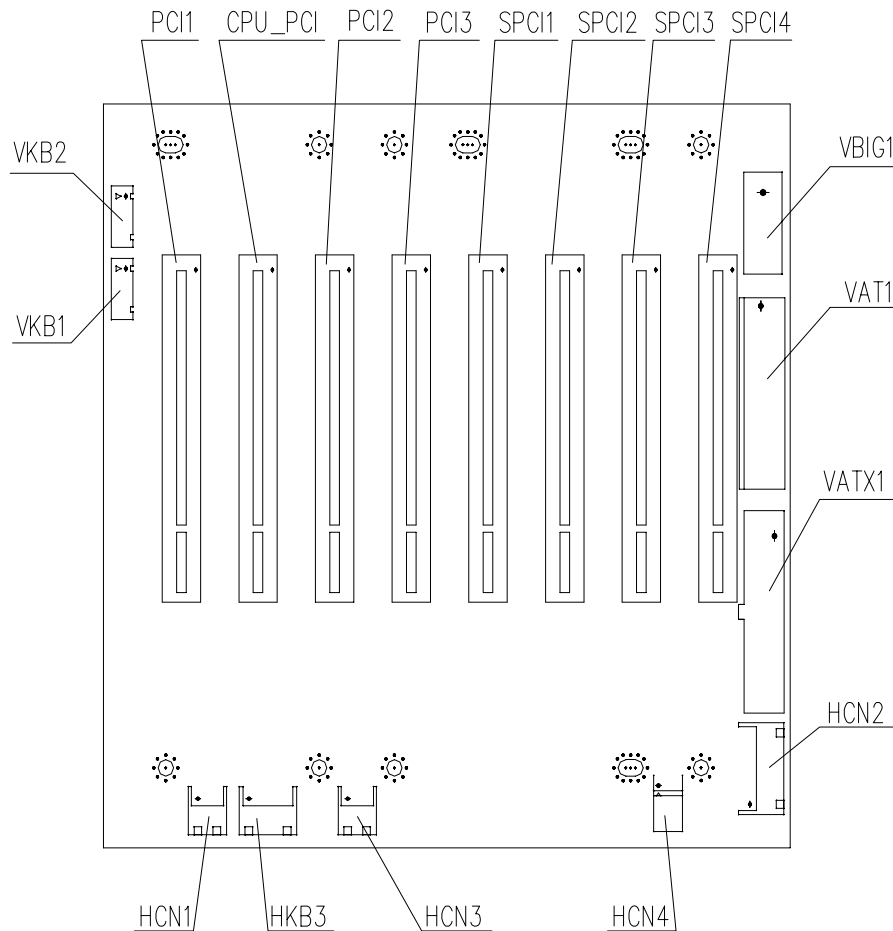


# PCA-6108P8-0A2E: 8 Slot Pure PCI backplane, 8 PCI Rev.A201-1



## 1. Connectors

Connector	Description
CPU_PCI(Master)	Half-size PCI connector CPU card PICMG PCI connector
PCI1~PCI3	32 bit PCI slot (Primary PCI Group)
SPC11~ SPC14	32 bit PCI slot (Secondary PCI Group)
VKB1	KB-In, from CPU card K/B connector
VKB2	KB-Out, 5 pin external K/B connector
HKB3	KB-Out, 5 pin external K/B connector
VBIG1	Big 4 Pin Power connector
VAT1	AT Power
VATX1	ATX Power
HCN1	PS-ON Function, to CPU card for ATX Power signal, 3 pin connector
HCN2	8 pin Alarm Board Power connector
HCN3	3 pin +5V and +12V Power connector
HCN4	3 pin +12V DC Fan connector (reserved)

**PN:200K610822**

## 2. Connector Pin Definition

VAT1	
Pin	Name
1	NC
2	+5V
3	+12V
4	-12V
5	GND
6	GND
7	GND
8	GND
9	-5V
10	VCC
11	VCC
12	VCC

HCN1	
Pin	Name
1	PS-ON
2	GND
3	5VSB

VATX1	
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

VKB1-VKB2,HKB3	
Pin	Name
1	KB_CLK
2	KB_DATA
3	NC
4	KB_GND
5	KB_VCC

HCN2	
Pin	Name
1	5VSB
2	GND
3	GND
4	-5V
5	+5V
6	+3.3V
7	-12V
8	+12V

HCN3	
Pin	Name
1	+12V
2	GND
3	VCC

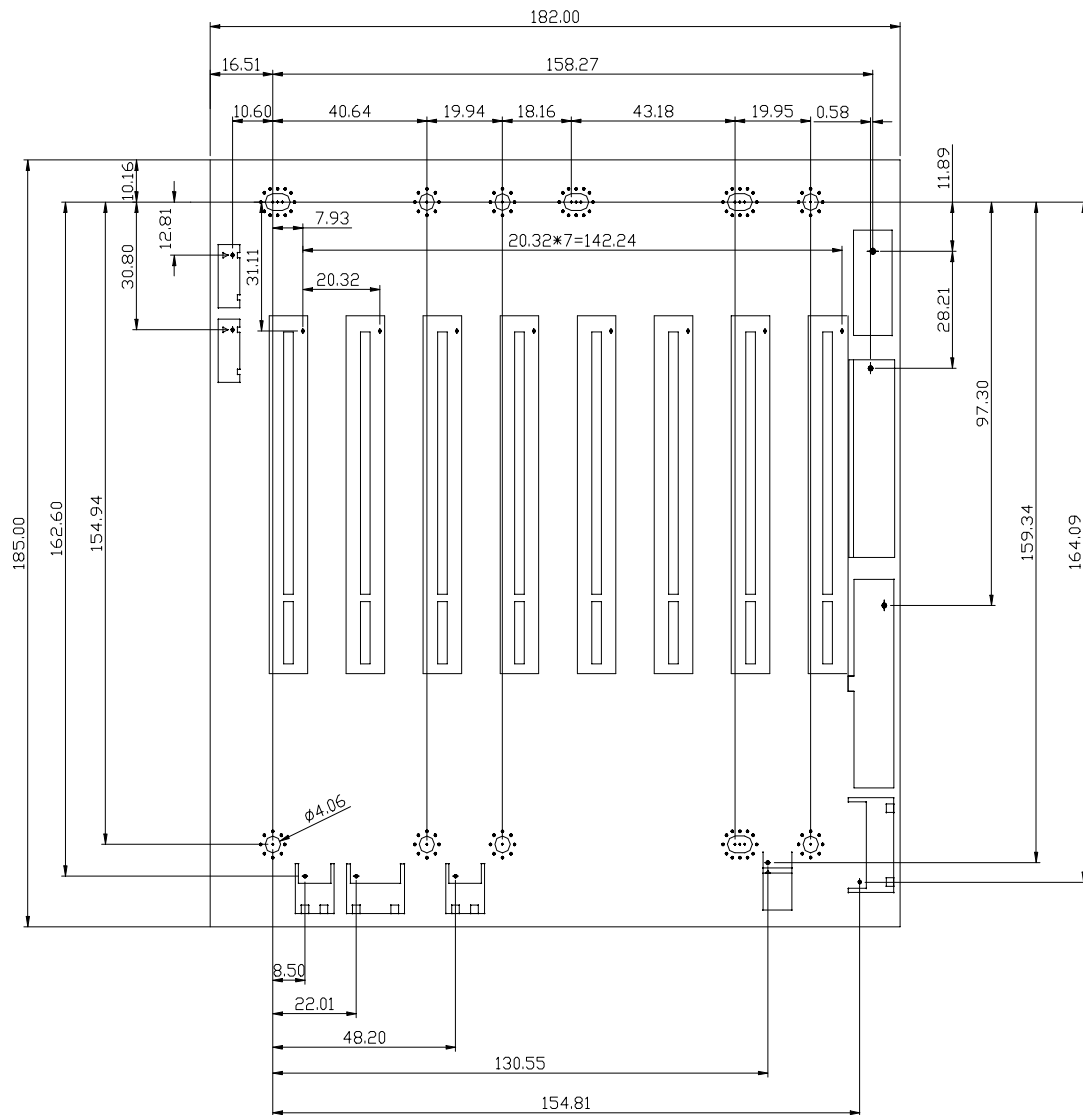
VBIG1	
Pin	Name
1	+12V
2	GND
3	GND
4	VCC

HCN4(Optional)	
Pin	Name
1	GND
2	+12V
3	NC

## 3.PCI Routing Table

PCI Slot	IDSEL	PCI interrupt pin route			
		INTA	INTB	INTC	INTD
PCI1	AD31	INTB	INTC	INTD	INTA
PCI2	AD30	INTC	INTD	INTA	INTB
PCI3	AD29	INTD	INTA	INTB	INTC
SPCI1	S_AD20	INTA	INTB	INTC	INTD
SPCI2	S_AD21	INTB	INTC	INTD	INTA
SPCI3	S_AD22	INTC	INTD	INTA	INTB
SPCI4	S_AD23	INTD	INTA	INTB	INTC

## 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 used.