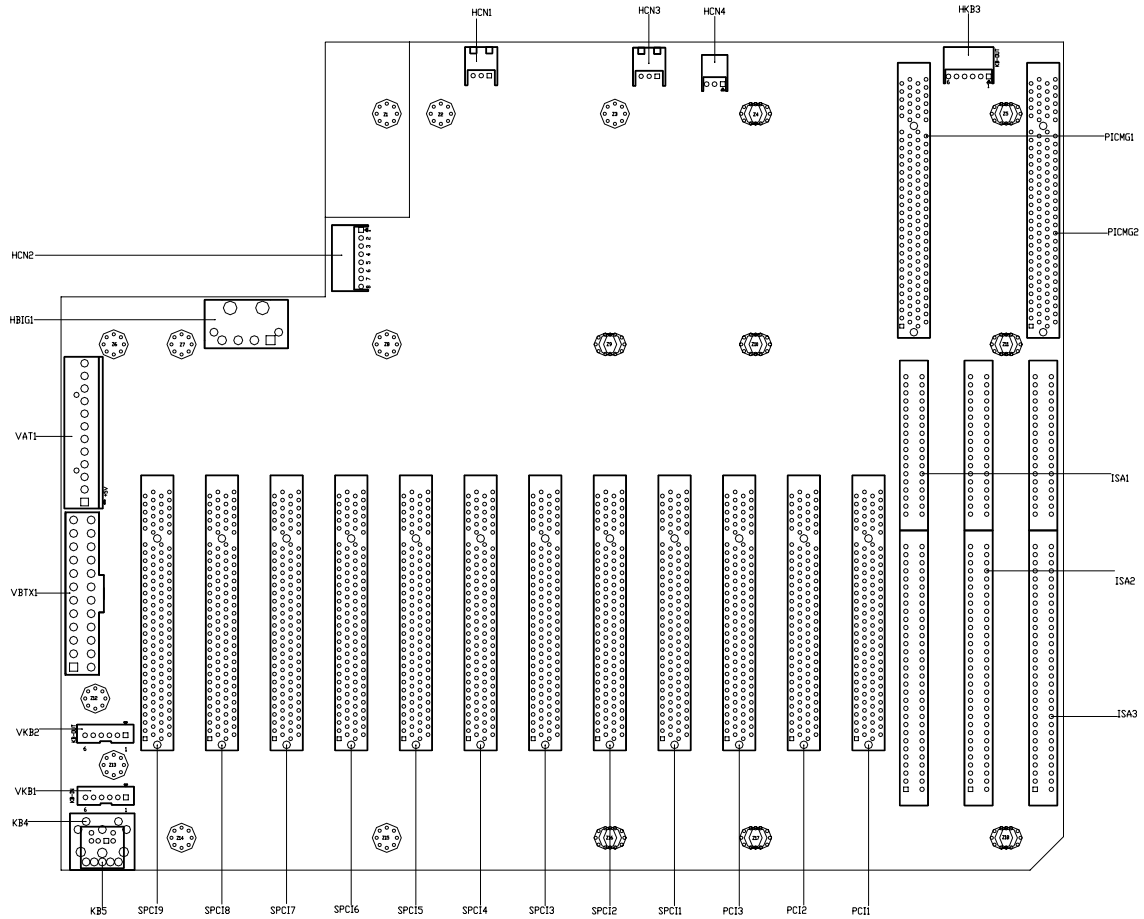


# PCA-6114P12-0B3E: 14 Slot PICMG BP, 1 ISA, 11 PCI, 1 PICMG,

1 PICMG/PCI Rev.B3

## 1. Connectors



PN: 200K611451

Connector	Description
ISA2	16 Bit ISA Bus connector
ISA1, ISA3	PICMG connector (PCI Slot is PICMG1, PICMG3)
PICMG1, PICMG3	PICMG connector (PCI Slot is PICMG1, PICMG3)
PPCI1~PPCI3	32 bit PCI slot (Primary group)
SPCI1~SPCI9	32 bit PCI slot (Secondary group)
VKB1	KB-In, from CPU card KB/MS connector (180°P)
VKB2	KB-Out, from CPU card KB/MS connector (180°P)
HKB3	KB-Out, 6 pin external KB/MS connector (90°P)
KB4, KB5	KB-Out, external connector (Optional)
VAT1	Main AT Power connector supply +/-5V, +/-12V power (180°P)
VBTX1	Main ATX Power connector supply +3.3V, +/-5V, +/-12V, 5VSB power (180°P)
HBIG1	Big 4 pin connector supply auxiliary +5V, +12V power (90°P)
HCN1	PS-ON Function, to CPU card for ATX power signal, 3 pin connector (90°P)
HCN2	8 pin Alarm Board Power connector (90°P)
HCN3	3 pin +5V and +12V Power connector (90°P)
HCN4	+12V DC Fan connector (Optional) (90°P)

## 2. Connector Pin Definition

VBTX1	
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	+12V
12	+3.3V
13	+3.3V
14	-12V
15	GND
16	PS-ON
17	GND
18	GND
19	GND
20	-5V
21	+5V
22	+5V
23	+5V
24	GND

VKB1, VKB2, HKB3	
Pin	Name
1	KBCLK
2	KBDATA
3	MSDAT
4	KBGND
5	KBVCC
6	MSCLK

VAT1	
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

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

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	+5V

HBIG1	
Pin	Name
1	+12V
2	GND
3	GND
4	+5V

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

KB4	
Pin	Name
1	KBCLK
2	KBDAT
3	NC
4	KB_GND
5	KB_VCC
6	GND
7	NC
8	NC
9	NC
10	GND

KB5	
Pin	Name
1	KBDAT
2	NC
3	KB_GND
4	KB_VCC
5	KBCLK
6	NC
7	GND
8	GND
9	GND

### 3. PCI Routing Table

PCI SLOT	ID SEL	PCI interrupt pin route			
		INTA	INTB	INTC	INTD
PPCI1	AD31/27	INTB	INTC	INTD	INTA
PPCI2	AD30/26	INTC	INTD	INTA	INTB
PPCI3	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
SPCI5	S_AD24	INTA	INTB	INTC	INTD
SPCI6	S_AD25	INTB	INTC	INTD	INTA
SPCI7	S_AD26	INTC	INTD	INTA	INTB
SPCI8	S_AD27	INTD	INTA	INTB	INTC
SPCI9	S_AD28	INTA	INTB	INTC	INTD

## 4. Mechanical Dimension

