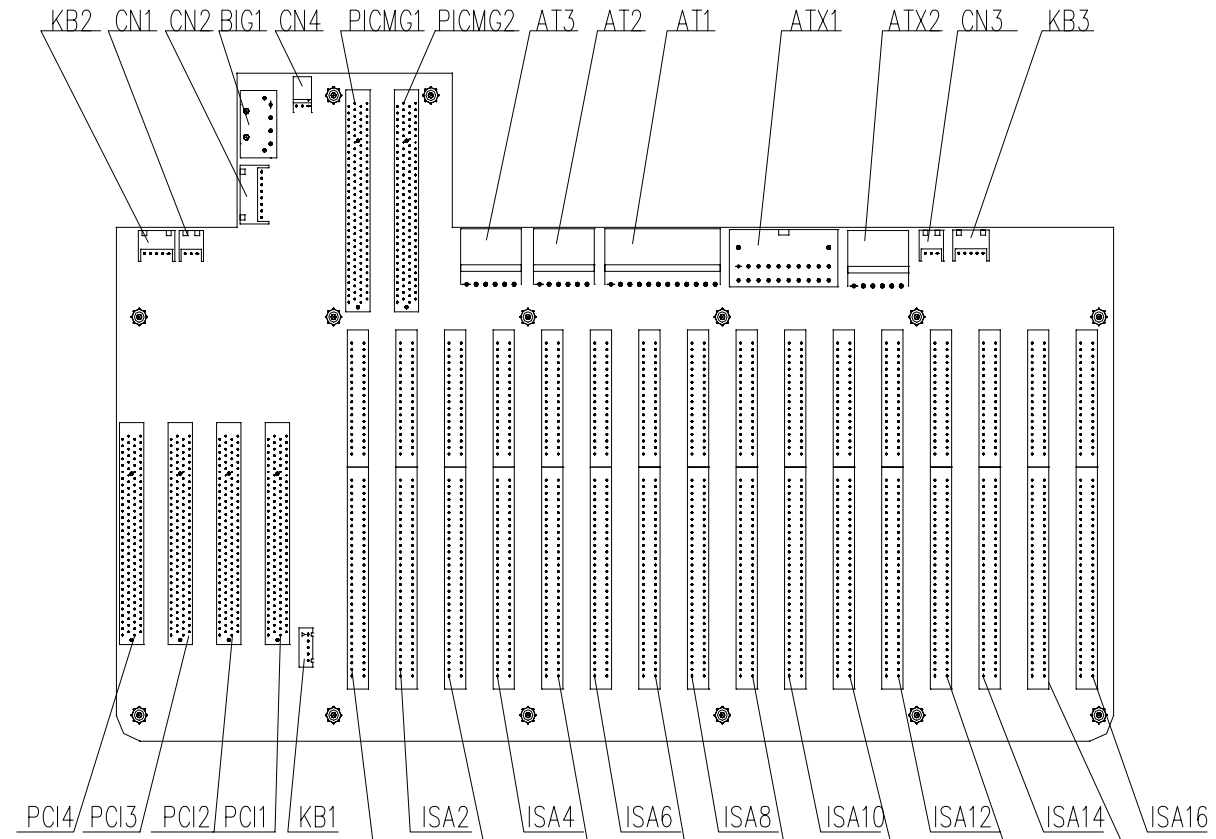


PCA-6120P4-0B1:

20 Slot PICMG backplane, 14 ISA, 4 PCI, 2 PICMG , Rev. B101-2



1. Connectors

Connector	Description
ISA1~ISA2	PICMG connector
ISA3~ISA16	16 Bit ISA Bus connector
PICMG1~PICMG2	PICMG connector
PCI1~PCI4	32 bit PCI slot
KB1	KB-In, from CPU card K/B connector
KB2~KB3	KB-Out, 5 pin external K/B connector
BIG1	Big 4 Pin Power connector
AT1	AT Power connector
AT2	5V power connector
AT3	3.3V power connector
ATX1	ATX Power (reserved)
ATX2	5V power connector
CN1	PS-ON Function, to CPU card for ATX Power signal, 3 pin connector (reserved)
CN2	8 pin Alarm Board Power connector
CN3	3 pin +5V and +12V Power connector
CN4	3 pin +12V DC Fan connector (reserved)

PN: 200K612080

2. Connector Pin Definition

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

KB1~KB3	
Pin	Name
1	KBCLK
2	KBDATA
3	NC
4	KBGND
5	KBVCC

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

AT2	
Pin	Name
1	+5V
2	+5V
3	+5V
4	GND
5	GND
6	GND

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	+5V
2	GND
3	+12V

CN4	
Pin	Name
1	GND
2	+12V
3	+5V

AT3	
Pin	Name
1	+3.3V
2	+3.3V
3	+3.3V
4	GND
5	GND
6	GND

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

ATX2	
Pin	Name
1	+5V
2	+5V
3	+5V
4	GND
5	GND
6	GND

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
PCI4	AD28	INTA	INTB	INTC	INTD

