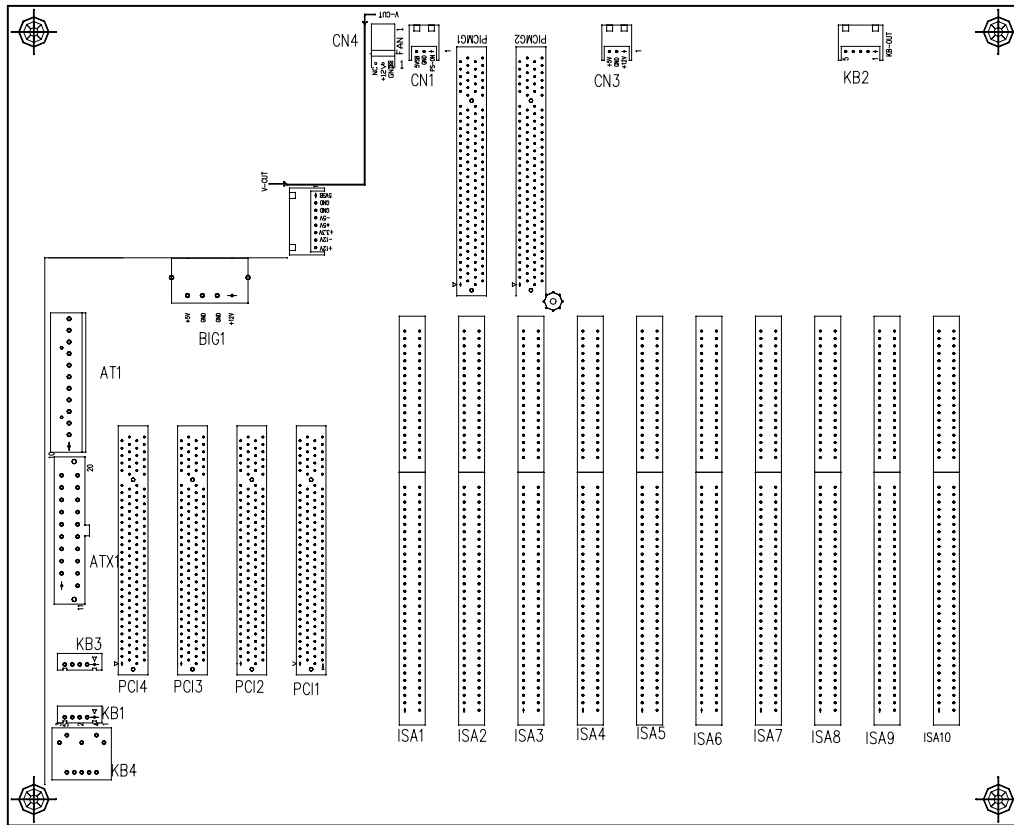


PCA-6114P4-0C2E: 14 Slot BP, 2 PICMG, 4 PCI, 8 ISA, Rev. C2-01

1. Connectors



PN: 200K611480

| Connector | Description |
|-------------|---|
| ISA1~ISA110 | 16 Bit ISA Bus connector |
| PCI1~4 | 32 Bit PCI Bus connector |
| ISA2, 3 | PICMG connector |
| KB1 | KB-In, from CPU card K/B connector |
| KB2,KB3 | KB-Out, 5 pin external K/B connector |
| KB4 | KB-Out, 6 pin PS/2 external K/B connector |
| BIG1 | Big 4 pin Power connector |
| AT1 | AT Power connector |
| ATX1 | ATX Power connector |
| 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 Power 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 | |
|-------------|--------|
| 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 |

