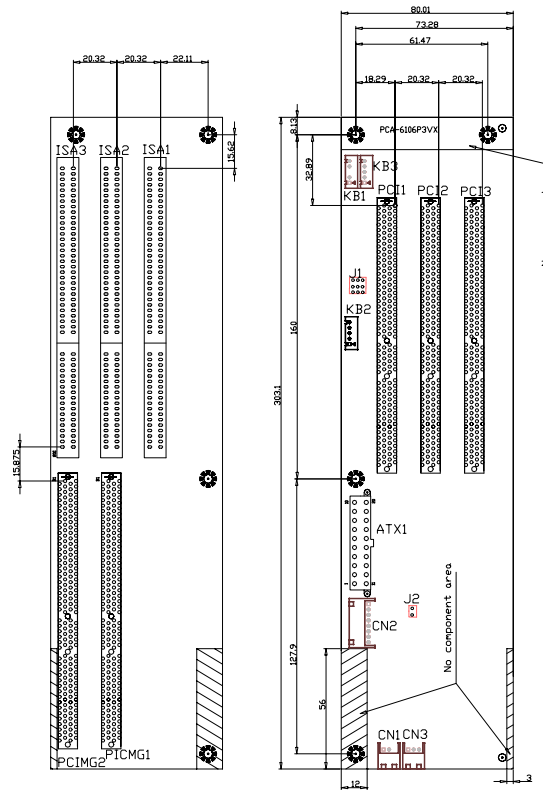


# PCA-6106P3VX-A1: 6 slot 64 bit backplane 1CPU/ 3PCI/ 1ISA Rev. A1-01

size: 80x 303mm



## 1. Connectors

| Connector | Description                                                       |
|-----------|-------------------------------------------------------------------|
| ISA1~ISA3 | 16 bit ISA Bus connector                                          |
| PCI1~PCI3 | 64 bit PCI Bus connector                                          |
| ISA 2, 3  | PICMG connector                                                   |
| KB1       | KB-In, from CPU card K/B connector                                |
| KB2~KB3   | KB-Out, 5 pin external K/B connector                              |
| ATX1      | ATX Power connector                                               |
| CN1       | PS-ON Function, to CPU card for ATX power signal, 3 pin connector |
| CN2       | Pin Alarm Board Power connector                                   |
| CN3       | 3 pin +5V and +12V Power connector                                |
| J1        | VIO select 3.3/5V                                                 |
| J2        | 33/66 MHz selection                                               |

## 2. Pin Assignments

| 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  |

| KB1~3 |       |
|-------|-------|
| PIN   | Name  |
| 1     | KBCLK |
| 2     | KBDAT |
| 3     | NC    |
| 4     | KBGN  |
| 5     | KBVC  |

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

## 3. Routing Table

| PCI Slot | IDSEL | PCI Interrupt Pin Route |       |       |       |
|----------|-------|-------------------------|-------|-------|-------|
|          |       | INT A                   | INT B | INT C | INT D |
| PCI1     | AD30  | INT C                   | INT D | INT A | INT B |
| PCI2     | AD29  | INT D                   | INT A | INT B | INT C |
| PCI3     | AD28  | INT A                   | INT B | INT C | INT D |

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