

## 16Ch Extension sub board

## ATCH-16A(PCI)



This product is the AD12-16(PCI)EV, AD16-16(PCI)EV, AIO-161601E3-PE, AIO-121601E3-PE channel multiplexer Sub-Board.

\* Specifications, color and design of the products are subject to change without notice.

## Features

## Channel expansion

32 single - ended input channels or 16 differential input channels can be added to the AD12-16(PCI)EV, AD16-16(PCI)EV, AIO-161601E3-PE, AIO-121601E3-PE.

## Packing List

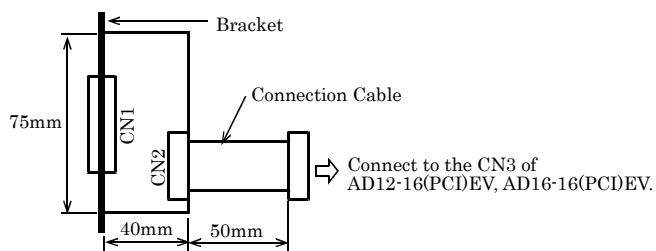
Multiplexer Sub-Board (ATCH-16A(PCI))...1

User's Manual...1

Warranty Certificate ...1

Signal Name Label Sheet...1

## Board Dimensions



## Pin Assignments of ATCH-16A(PCI) CN1

| Description              | No. |    | No. | Description    |
|--------------------------|-----|----|-----|----------------|
| Analog Input 16 / 8[+]   | 1   | 1  | 20  | Analog Ground  |
| Analog Input 24 / 8[-]   | 2   | 2  | 21  | Analog Ground  |
| Analog Input 17 / 9[+]   | 3   | 3  | 22  | Analog Ground  |
| Analog Input 25 / 9[-]   | 4   | 4  | 23  | Analog Ground  |
| Analog Input 18 / 10[+]  | 5   | 5  | 24  | Analog Ground  |
| Analog Input 26 / 10[-]  | 6   | 6  | 25  | Analog Ground  |
| Analog Input 19 / 11[+]  | 7   | 7  | 26  | Analog Ground  |
| Analog Input 27 / 11[-]  | 8   | 8  | 27  | Analog Ground  |
| Analog Input 20 / 12[+]  | 9   | 9  | 28  | Analog Ground  |
| Analog Input 28 / 12[-]  | 10  | 10 | 29  | Analog Ground  |
| Analog Input 21 / 13[+]  | 11  | 11 | 30  | Analog Ground  |
| Analog Input 29 / 13[-]  | 12  | 12 | 31  | Analog Ground  |
| Analog Input 22 / 14[+]  | 13  | 13 | 32  | Analog Ground  |
| Analog Input 30 / 14[-]  | 14  | 14 | 33  | Analog Ground  |
| Analog Input 23 / 15[+]  | 15  | 15 | 34  | Analog Ground  |
| Analog Input 31 / 15[-]  | 16  | 16 | 35  | Analog Ground  |
| Analog Output            | 17  | 17 | 36  | Analog Ground  |
| Simultaneous Hold Output | 18  | 18 | 37  | Digital Ground |
| +5V DC from PC           | 19  | 19 |     |                |

- The above figure is an arrangement when the receptacle on the board is seen from the plug.

- Analog Input 16 - 32 are single - ended input channels.

- Analog Input 8[+] - 15[-] differential input channels.

\* "Analog Output", "Simultaneous Hold Output", "+5V DC from PC" and "Digital Ground" are the same signals as the AD12-16(PCI)EV, AD16-16(PCI)EV.