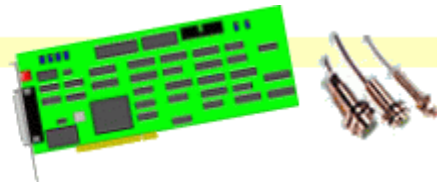


## ISA AD/DA CARD



**SUPER 12 BIT AD/DA CARD**

### Introduction

The super 12 bit A/D-D/A card is a high precision data conversion system for PC/486, Pentium, or compatibles. It contains two 12 bits digital to analog channel with unipolar or bipolar format, and sixteen/eight 12 bits (single-ended / differential) analog to digital channels conversion with unipolar or bipolar format.

#### The features of the super 12 bit A/D-D/A board are:

##### D/A:

- 12 bits resolution
- Output channel : Two
  - One Standard
  - One optional
- Output voltage setting
  - Unipolar : 0V to 2.5V, 0V to 5V, 0V to 10V
  - Bipolar : -2.5 to 2.5V, -5 to 5V, -10 to 10V

##### A/D:

- 12 bits resolution
- Input voltage range
  - Unipolar : 0V to 2.5V, 0V to 5V, 0V to 10V
  - Bipolar : -2.5 to 2.5V, -5 to 5V, -10 to 10V
- Channel number
  - 16 channels single-ended input.
  - 8 channels differential input.

**I/O port address selectable**

**LED indicates when adapter is operating.**

### Unpacking Information

**Check that your super 12 bit A/D-D/A package includes the following items:**

- Super 12 bit A/D-D/A board.

- Demo Program.
- Data Capture Software Manual with Disk.
- User manual.
- Warranty form.

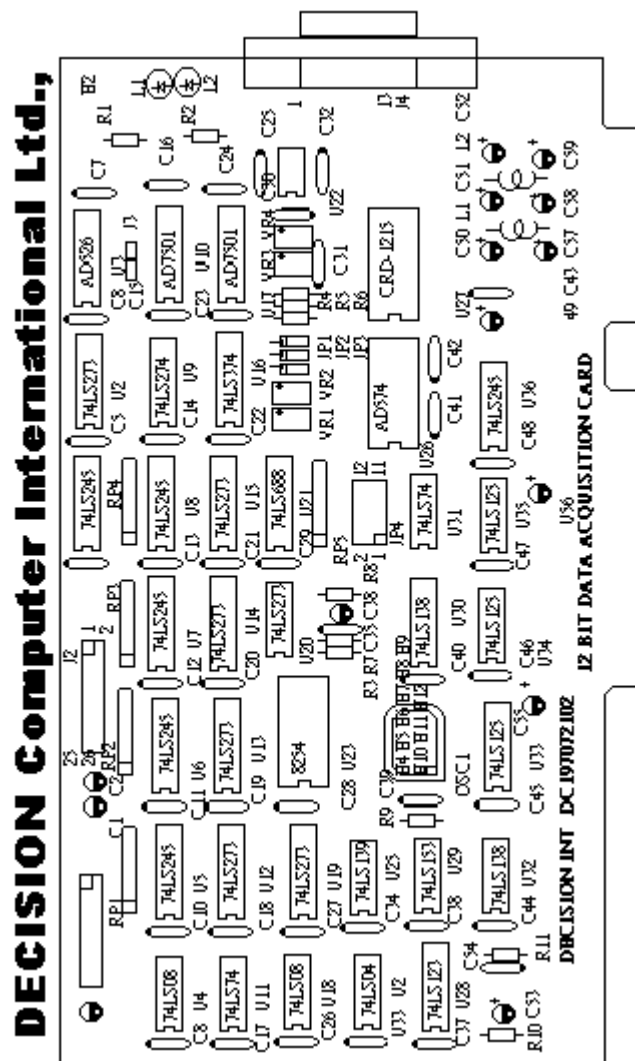
## Hardware Installation

Your super 12 bit A/D-D/A card is designed to be inserted in any available slot in your PC/486, Pentium or compatibles. In order to gain access to the expansion slots, follow the steps listed below:

1. Turn off all power to your computer and all peripheral devices before installing your industry card.
2. Remove the cover of the computer.
3. Insert the SUPER 12 BIT AD/DA CARD into any available slot. Make sure the adapter is firmly seated in the chosen slot.
4. Replace the cover of the computer.
5. Connects the expansion cable to 25 pin connectors.
6. Turn on the power of your computer.

## Hardware Configuration

Before you use the A/D-D/A card, you must ensure that the port address and jumper are set correctly, the proper settings for the A/D-D/A card are described in the following:









- [I/O Port Address](#)
- [Jumper Setting](#)
- [D Type Connector Pin Assignment](#)
- [VR Adjustment](#)

**I/O port Control**

- [Software](#)
- [Diagnostic Test](#)
- [Programming Techniques Under MS/DOS](#)
- [BASIC Test Program](#)

**APPENDIX**

- [APPENDIX A](#)

- [Catalog](#) 
- [Manual](#) 
- [Converter](#) 
- [Schematic](#) 
- [Drive Driver](#) 
- [Test Tool & Sample Code](#) 
- [Measurement & Applications](#) 