



I/O CARD QUICK START GUIDE

for **A-626/628**

Language	English
Version	V1.2
Update	Jun.2009

1 What's on your package?

- One A-626/628 series card
- One companion ISA CD (V2.1 or later)
- One Quick Start Guide(This document)

2 Installing Windows Driver

Follow these steps:

1. Set up the Windows driver.

The driver is location at:





CD:\NAPDOS\ISA\A626_628\DLL_OCX\

http://ftp.icpdas.com/pub/cd/iocard/isa/napdos/isa/a626_628/dll_ocx/

(The Windows NT driver have support the Windows 2K and windows XP/2003/Vista 32bit version.)



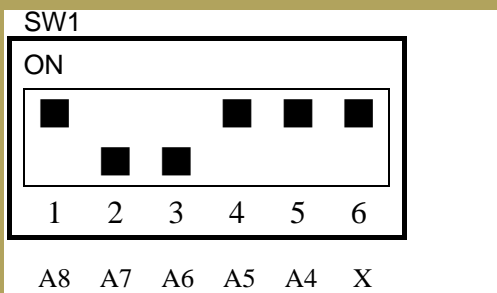
The Windows driver only supports Windows 98/NT/2000 and XP/2003/vista 32-bit versions.

2. Click the  button to start the installation.
3. Click the  button to install the driver into the default folder.
4. Click the  button to continue the installation.
5. Select the “**NO, I will restart my computer later**” and then click the  button.

3 I/O Base Address/Interrupt Setting

➤ The base address is set from SW1 DIP switch on board:

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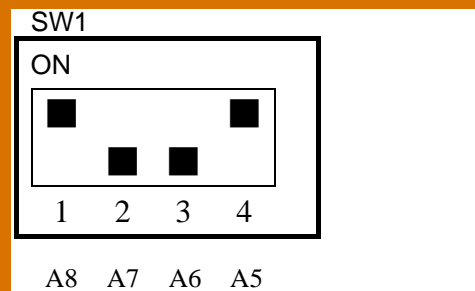


SW1 Value Table

I/O Address	1	2	3	4	5
	A8	A7	A6	A5	A4
200-20F	ON	ON	ON	ON	ON
210-21F	ON	ON	ON	ON	Off
...	o	o	o	o	o
2C0-2CF(*)	ON	Off	Off	ON	ON
2D0-2DF	ON	Off	Off	ON	Off
...	o	o	o	o	o
3F0-3FF	Off	Off	Off	Off	Off

(*):Default setting

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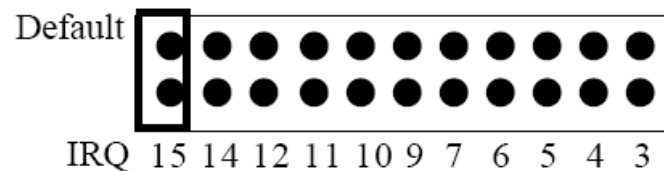


SW1 Value Table

I/O Address	1	2	3	4
	A8	A7	A6	A5
200-21F	ON	ON	ON	ON
220-23F	ON	ON	ON	Off
...	o	o	o	o
2C0-2DF(*)	ON	Off	Off	ON
2E0-2FF	ON	Off	Off	Off
...	o	o	o	o
3E0-3FF	Off	Off	Off	Off

(*):Default setting

➤ The Interrupt Level Setting



4 Installing Hardware on PC

Follow these steps:

1. Shut down and power off your computer
2. Remove the cover from the computer
3. Select an unused ISA slot
4. Carefully insert your I/O card into the ISA slot
5. Replace the PC cover
6. Power on the computer

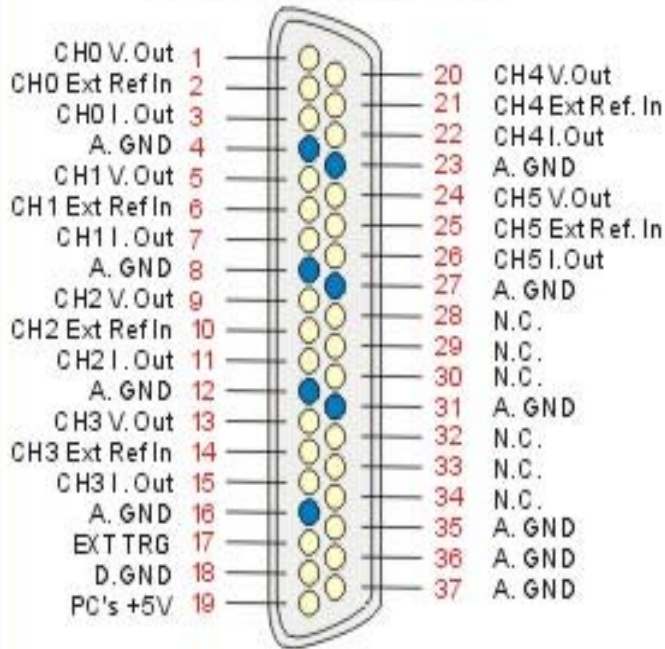
After powering-on the computer, continue next process.

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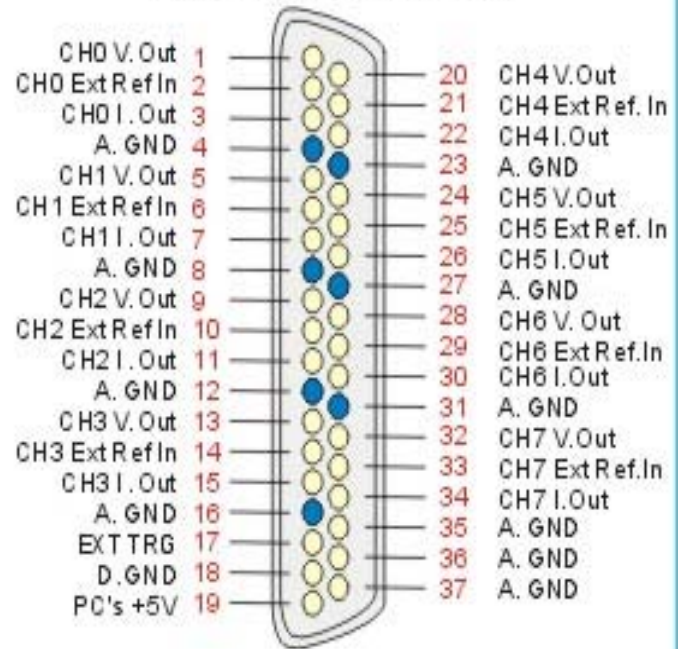
Pin Assignments

A-626/A-628

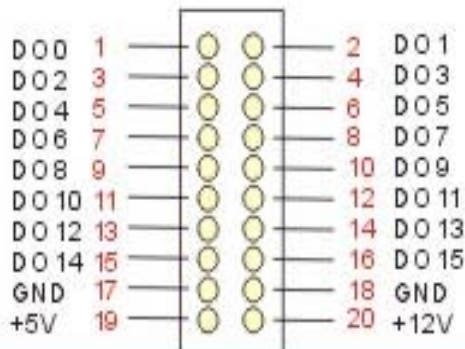
A-626 P1: 37-Pin Connector for Voltage Output & Current Loop



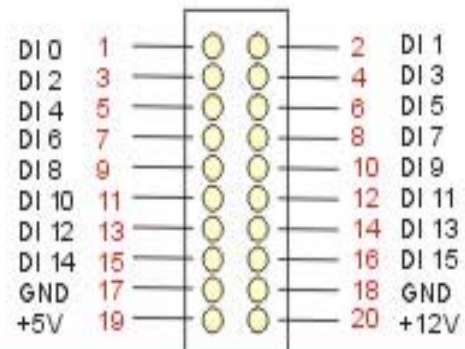
A-628 CN1: 37-Pin Connector for Voltage Output & Current Loop



A-626 CN3: Digital Output Connector
A-628 CN2 : Digital Output connector



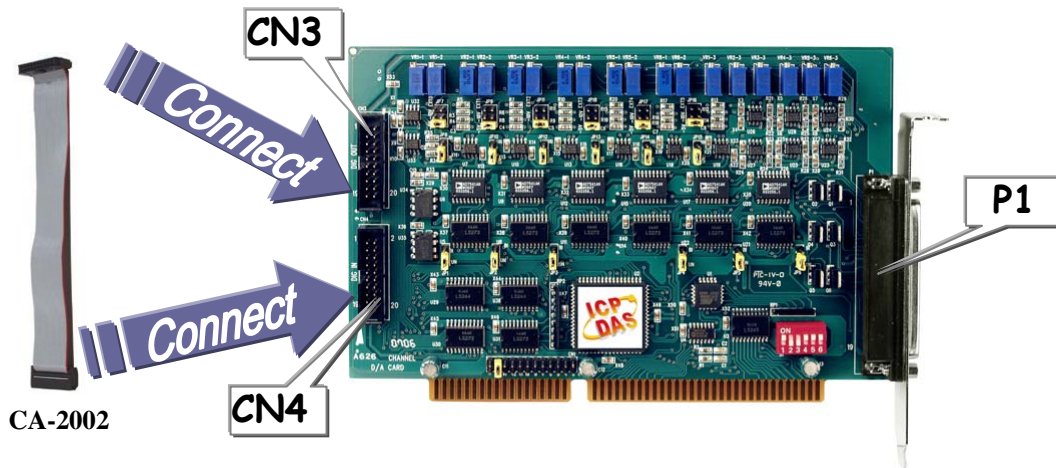
A-626 CN4: Digital Input Connector
A-628 CN3 : Digital Input Connector



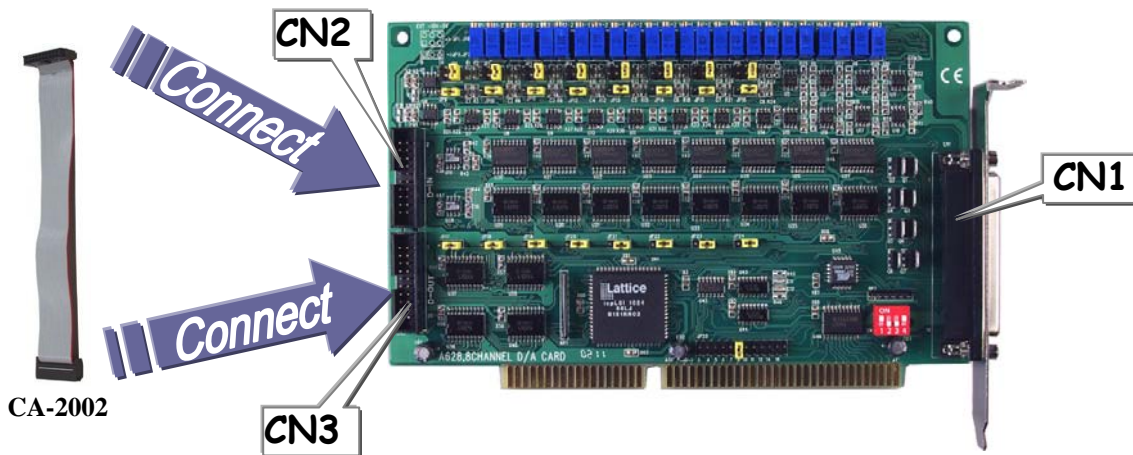
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Self Test

1. A-626 user can use CA-2002(Optional) to connect the CN3 with CN4.



- A-628 user can use CA-2002(Optional) to connect the CN2 with CN3.



2. Execute the A626/628 sample program.

Get the file from(default path):

C:\NAPDOS\ISA\A626_WinXX\demo\

3. Check the board number of the A-626/628, and test DIO functions.

1: Setting the I/O Base Address (Default : 2C0)

2: Click this button to do DIO test.

4. Get DIO function test result.

Check the Bit 0,2,4,6 CheckBox.

Bit 0,2,4,6 are all Red light.

Complete

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Additional Information

- ✓ A-626&A-628 Card Product page:

http://www.icpdas.com/products/DAQ/pc_based/a-626&8.htm

- ✓ CA-2002(Optional) page:

http://www.icpdas.com/products/Accessories/cable/cable_selection.htm

- ✓ Documentation:

CD:\NAPDOS\ISA\A626_628>manual

CD:\NAPDOS\ISA\Manual

http://ftp.icpdas.com/pub/cd/iocard/isa/napdos/isa/a626_628/manual/

- ✓ Software:

CD:\ISA\NAPDOS\ISA\A626_628

http://www.icpdas.com/download/isa/a626_628/index.htm

The ICP DAS Web Site

<http://www.icpdas.com>



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- Methods of enhancing your device
- FAQ
- Application examples

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