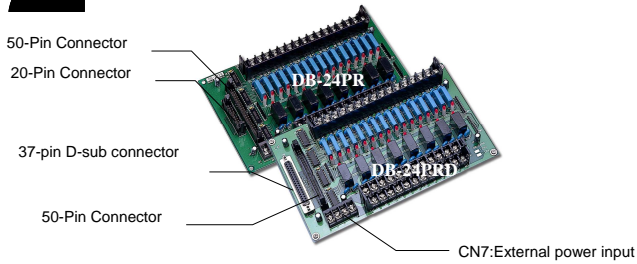


1 Package

- One DB-24PR/24PRD Daughter board
- One CA-5015 Cable(for DB-24PR) or one CA-3710 Cable(for DB-24PRD)
- One User's Guide(this document)

2 Pin Assianments



- 1 -

➤ CN1 : Screw terminal

CH0			CH2			CH4			CH6		
CM	NC	NO	CM	NC	NO	CM	NC	NO	CM	NC	NO

➤ CN2 : Screw terminal

CH1			CH3			CH5			CH7		
CM	NC	NO	CM	NC	NO	CM	NC	NO	CM	NC	NO

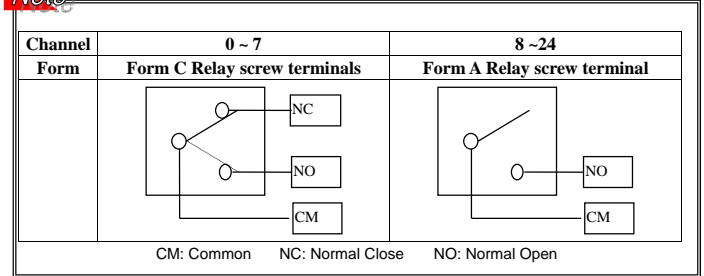
➤ CN3 : Screw terminal

CH23		CH21		CH19		CH17		CH15		CH13		CH11		CH9	
NO	CM	NO	CM	NO	CM	NO	CM	NO	CM	NO	CM	NO	CM	NO	CM

➤ CN4 : Screw terminal

CH22		CH20		CH18		CH16		CH14		CH12		CH10		CH8	
NO	CM	NO	CM	NO	CM	NO	CM	NO	CM	NO	CM	NO	CM	NO	CM

Note



➤ CN7: External Power Input Connector

+12V	+12V	GND	GND
------	------	-----	-----

Note

Input DC+12V power for optional 12V version
Input DC+24V power for optional 24V version



DB-24PR and DB-24PRD support external power supply only.
DB-24PR/12V, DB-24PRD/12V for DC 12V external power supply
DB-24PR/12V, DB-24PRD/24V for DC 24V external power supply
☆Please check output DC voltage for your power supply.

- 2 -

➤ CN5:50-Pin header

GND	50	○	○	49	+5V input
GND	48	○	○	47	CH0
GND	46	○	○	45	CH1
GND	44	○	○	43	CH2
GND	42	○	○	41	CH3
GND	40	○	○	39	CH4
GND	38	○	○	37	CH5
GND	36	○	○	35	CH6
GND	34	○	○	33	CH7
GND	32	○	○	31	CH8
GND	30	○	○	29	CH9
GND	28	○	○	27	CH10
GND	26	○	○	25	CH11
GND	24	○	○	23	CH12
GND	22	○	○	21	CH13
GND	20	○	○	19	CH14
GND	18	○	○	17	CH15
GND	16	○	○	15	CH16
GND	14	○	○	13	CH17
GND	12	○	○	11	CH18
GND	10	○	○	9	CH19
GND	8	○	○	7	CH20
GND	6	○	○	5	CH21
GND	4	○	○	3	CH22
GND	2	○	○	1	CH23

CN6: 37-Pin D-sub connector(DB-24PRD only)

CH0	37	○	○	19	GND
CH1	36	○	○	18	N.C.
CH2	35	○	○	17	GND
CH3	34	○	○	16	N.C.
CH4	33	○	○	15	GND
CH5	32	○	○	14	N.C.
CH6	31	○	○	13	GND
CH7	30	○	○	12	N.C.
CH16	29	○	○	11	GND
CH17	28	○	○	10	CH8
CH18	27	○	○	9	CH9
CH19	26	○	○	8	CH10
CH20	25	○	○	7	CH11
CH21	24	○	○	6	CH12
CH22	23	○	○	5	CH13
CH23	22	○	○	4	CH14
GND	21	○	○	3	CH15.
+5V	20	○	○	2	N.C.
		○	○	1	N.C.

CN6: 20-Pin header(DB-24PRD only)

DO0	1	2	DO1
DO2	3	4	DO3
DO4	5	6	DO5
DO6	7	8	DO7
DO8	9	10	DO9
DO10	11	12	DO11
DO12	13	14	DO13
DO14	15	16	DO15
D.GND	17	18	D.GND
+5V	19	20	+12V

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3 Additional Information

- ✓ DB-24PR/24PRD Product Page:
http://www.icpdas.com/products/DAQ/screw_terminal/db_24pr&prd.htm
- ✓ Document:
CD:\NAPDOS\Daughter_Board
http://www.icpdas.com/download/Daughter_Board/dbdio.pdf

ICPDAS Web Page

<http://www.icpdas.com>



- Technical support
- Supplies and ordering information
- Ways to enhance your device
- FAQ
- Application story

Contact Us

Service@icpdas.com

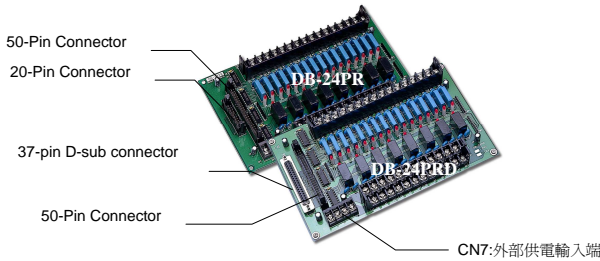
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1 檢查配件

- 一張 DB-24PR/24PRD 端子板
- 一條 CA-5015 排線(產品為 DB-24PR)或一條 CA-3710 排線(產品為 DB-24PRD)
- 一張使用者指南(本文件)

2 腳位定義



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➢ CN1 : Screw terminal

CH0			CH2			CH4			CH6		
CM	NC	NO	CM	NC	NO	CM	NC	NO	CM	NC	NO

➢ CN2 : Screw terminal

CH1			CH3			CH5			CH7		
CM	NC	NO	CM	NC	NO	CM	NC	NO	CM	NC	NO

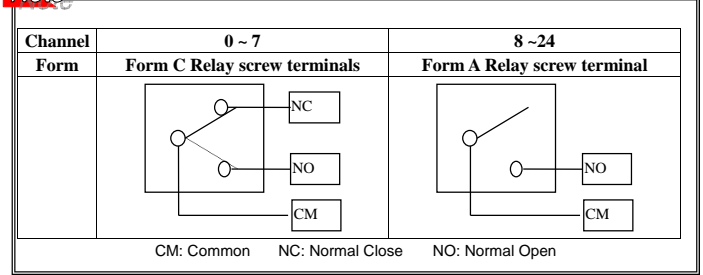
➢ CN3 : Screw terminal

CH23		CH21		CH19		CH17		CH15		CH13		CH11		CH9	
NO	CM	NO	CM	NO	CM	NO	CM	NO	CM	NO	CM	NO	CM	NO	CM

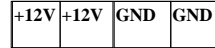
➢ CN4 : Screw terminal

CH22		CH20		CH18		CH16		CH14		CH12		CH10		CH8	
NO	CM	NO	CM	NO	CM	NO	CM	NO	CM	NO	CM	NO	CM	NO	CM

Note



➢ CN7: 外部電源輸入端



Note

輸入 DC+12V 電源，請選購 12V 版本
輸入 DC+24V 電源，請選購 24V 版本



DB-24PPR ,DB-24PR 僅支援外部電源供應方式。
DB-24PR/12V, DB-24PRD/12V 僅支援 DC +12V 的外部電源供應
DB-24PR/12V, DB-24PRD/24V 僅支援 DC +24V 的外部電源供應
☆請確認您的外部電源供應裝置的直流電壓是否合適

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➢ CN5:50-Pin header

GND	50	○	○	49	+5V input
GND	48	○	○	47	CH0
GND	46	○	○	45	CH1
GND	44	○	○	43	CH2
GND	42	○	○	41	CH3
GND	40	○	○	39	CH4
GND	38	○	○	37	CH5
GND	36	○	○	35	CH6
GND	34	○	○	33	CH7
GND	32	○	○	31	CH8
GND	30	○	○	29	CH9
GND	28	○	○	27	CH10
GND	26	○	○	25	CH11
GND	24	○	○	23	CH12
GND	22	○	○	21	CH13
GND	20	○	○	19	CH14
GND	18	○	○	17	CH15
GND	16	○	○	15	CH16
GND	14	○	○	13	CH17
GND	12	○	○	11	CH18
GND	10	○	○	9	CH19
GND	8	○	○	7	CH20
GND	6	○	○	5	CH21
GND	4	○	○	3	CH22
GND	2	○	○	1	CH23

CN6: 37-Pin D-sub connector(DB-24PRD only)

CH0	37	○	○	19	GND
CH1	36	○	○	18	N.C.
CH2	35	○	○	17	GND
CH3	34	○	○	16	N.C.
CH4	33	○	○	15	GND
CH5	32	○	○	14	N.C.
CH6	31	○	○	13	GND
CH7	30	○	○	12	N.C.
CH16	29	○	○	11	GND
CH17	28	○	○	10	CH8
CH18	27	○	○	9	CH9
CH19	26	○	○	8	CH10
CH20	25	○	○	7	CH11
CH21	24	○	○	6	CH12
CH22	23	○	○	5	CH13
CH23	22	○	○	4	CH14
GND	21	○	○	3	CH15
+5V	20	○	○	2	N.C.
		○	○	1	N.C.

CN6: 20-Pin header(DB-24PRD only)

DO0	1	2	DO1
DO2	3	4	DO3
DO4	5	6	DO5
DO6	7	8	DO7
DO8	9	10	DO9
DO10	11	12	DO11
DO12	13	14	DO13
DO14	15	16	DO15
D.GND	17	18	D.GND
+5V	19	20	+12V

4 參考資訊

✓ DB-24PR/24PRD 產品網頁:

http://www.icpdas.com/products/DAQ/screw_terminal/db_24pr&prd.htm

✓ 相關文件位置:

CD:\NAPDOS\Daughter_Board

http://www.icpdas.com/download/Daughter_Board/dbdio.pdf

泓格科技(ICP DAS)主網頁

<http://www.icpdas.com>



- 專業技術支援
- 代理商及訂購資訊
- 增強設備功能的相關資訊
- 常見問題
- 應用案例

聯絡方式

Service@icpdas.com

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