

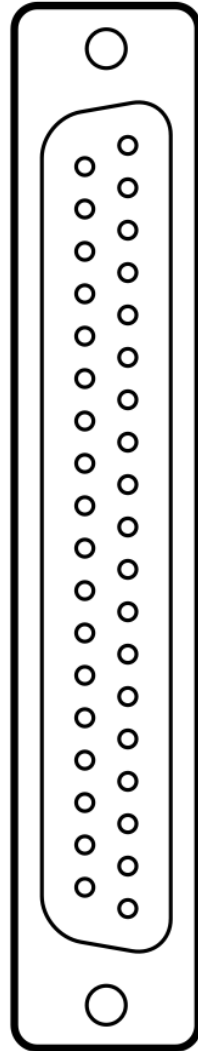
WPC gStack module pinout

WPC Systems Ltd.

Justin Wu

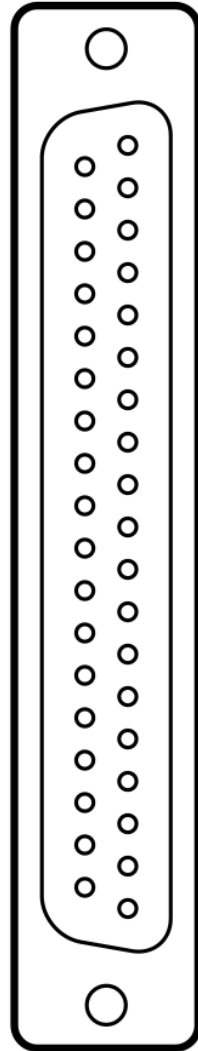
2023-08-31

cPCI-16-16ch-DIO



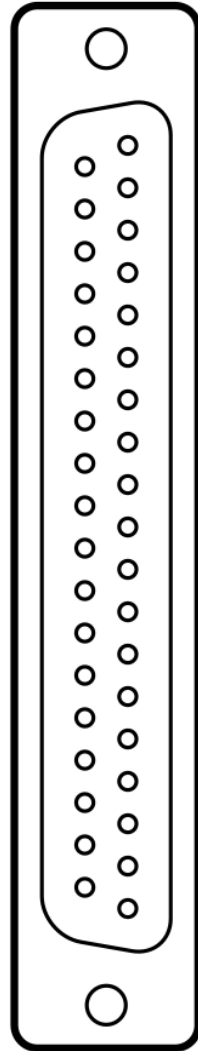
DO1	20	1	DO0
DO3	21	2	DO2
DO5	22	3	DO4
DO7	23	4	DO6
DO9	24	5	DO8
DO11	25	6	DO10
DO13	26	7	DO12
DO15	27	8	DO14
DI1	28	9	DI0
DI3	29	10	DI2
DI5	30	11	DI4
DI7	31	12	DI6
DI9	32	13	DI8
DI11	33	14	DI10
DI13	34	15	DI12
DI15	35	16	DI14
0V	36	17	0V
24V	37	18	0V
		19	24V

cPCI-32ch-AI-CURR



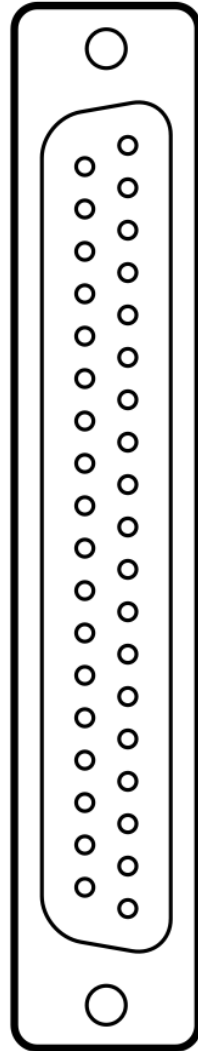
AI0-	20	1	AI0+
AI1-	21	2	AI1+
AI2-	22	3	AI2+
AI3-	23	4	AI3+
AI4-	24	5	AI4+
AI5-	25	6	AI5+
AI6-	26	7	AI6+
AI7-	27	8	AI7+
AI8-	28	9	AI8+
AI9-	29	10	AI9+
AI10-	30	11	AI10+
AI11-	31	12	AI11+
AI12-	32	13	AI12+
AI13-	33	14	AI13+
AI14-	34	15	AI14+
AI15-	35	16	AI15+
AGND	36	17	AGND
AGND	37	18	AGND
		19	AGND

cPCI-32ch-AI-VOLT



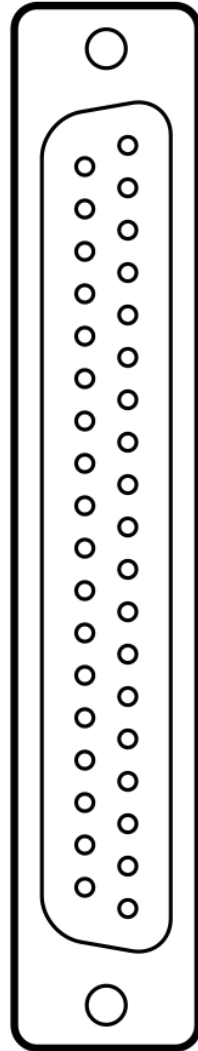
A1	20	1	AI0
A3	21	2	AI2
A5	22	3	AI4
A7	23	4	AI6
A9	24	5	AI8
AI11	25	6	AI10
AI13	26	7	AI12
AI15	27	8	AI14
AI17	28	9	AI16
AI19	29	10	AI18
AI21	30	11	AI20
AI23	31	12	AI22
AI25	32	13	AI24
AI27	33	14	AI26
AI29	34	15	AI28
AI31	35	16	AI30
AGND	36	17	AGND
AGND	37	18	AGND
		19	AGND

cPCI-32ch-AO



AO1	20	1	AO0
AO3	21	2	AO2
AO5	22	3	AO4
AO7	23	4	AO6
AO9	24	5	AO8
AO11	25	6	AO10
AO13	26	7	AO12
AO15	27	8	AO14
AO17	28	9	AO16
AO19	29	10	AO18
AO21	30	11	AO20
AO23	31	12	AO22
AO25	32	13	AO24
AO27	33	14	AO26
AO29	34	15	AO28
AO31	35	16	AO30
AGND	36	17	AGND
AGND	37	18	AGND
		19	AGND

cPCI-8ch-LPCS



OUT0-	20	1	OUT0+
OUT1-	21	2	OUT1+
OUT2-	22	3	OUT2+
OUT3-	23	4	OUT3+
OUT4-	24	5	OUT4+
OUT5-	25	6	OUT5+
OUT6-	26	7	OUT6+
OUT7-	27	8	OUT7+
	28	9	
	29	10	
	30	11	
	31	12	
	32	13	
	33	14	
	34	15	
0V	35	16	
0V	36	17	Vcs
0V	37	18	Vcs
		19	Vcs

cPCI-32ch-2W-MUX

35	1
36	2
37	3
38	4
39	5
40	6
41	7
42	8
43	9
44	10
45	11
46	12
47	13
48	14
49	15
50	16
51	17
52	18
53	19
54	20
55	21
56	22
57	23
58	24
59	25
60	26
61	27
62	28
63	29
64	30
65	31
66	32
67	33
68	34

+CH_1	35	1	+CH_0
-CH_1	36	2	-CH_0
+CH_3	37	3	+CH_2
-CH_3	38	4	-CH_2
+CH_5	39	5	+CH_4
-CH_5	40	6	-CH_4
+CH_7	41	7	+CH_6
-CH_7	42	8	-CH_6
+CH_9	43	9	+CH_8
-CH_9	44	10	-CH_8
+CH_11	45	11	+CH_10
-CH_11	46	12	-CH_10
+CH_13	47	13	+CH_12
-CH_13	48	14	-CH_12
+CH_15	49	15	+CH_14
-CH_15	50	16	-CH_14
+CH_17	51	17	+CH_16
-CH_17	52	18	-CH_16
+CH_19	53	19	+CH_18
-CH_19	54	20	-CH_18
+CH_21	55	21	+CH_20
-CH_21	56	22	-CH_20
+CH_23	57	23	+CH_22
-CH_23	58	24	-CH_22
+CH_25	59	25	+CH_24
-CH_25	60	26	-CH_24
+CH_27	61	27	+CH_26
-CH_27	62	28	-CH_26
+CH_29	63	29	+CH_28
-CH_29	64	30	-CH_28
+CH_31	65	31	+CH_30
-CH_31	66	32	-CH_30
+COM	67	33	+COM
-COM	68	34	-COM