



* Table 1. Pin Assignment of 4Pin Terminal Blocks(TB1)

No.	Pin Name	Direction	Function	No.	Pin Name	Direction	Function
1	+24V	-	External +24Vdc power	3	+24V	-	External +24Vdc power
2	+24V	-	External +24Vdc power	4	+24V	-	External +24Vdc power

* Table 2. Pin Assignment of 4Pin Terminal Blocks(TB2)

No.	Pin Name	Direction	Function	No.	Pin Name	Direction	Function
1	GND	-	External ground	3	GND	-	External ground
2	GND	-	External ground	4	GND	-	External ground

* Table 3. Pin Assignment of 16Pin Terminal Blocks(TB3)

No.	Pin Name	Direction	Function	No.	Pin Name	Direction	Function
1	IN00	IN	Digital input 00bit	9	IN08	IN	Digital input 08bit
2	IN01	IN	Digital input 01bit	10	IN09	IN	Digital input 09bit
3	IN02	IN	Digital input 02bit	11	IN10	IN	Digital input 10bit
4	IN03	IN	Digital input 03bit	12	IN11	IN	Digital input 11bit
5	IN04	IN	Digital input 04bit	13	IN12	IN	Digital input 12bit
6	IN05	IN	Digital input 05bit	14	IN13	IN	Digital input 13bit
7	IN06	IN	Digital input 06bit	15	IN14	IN	Digital input 14bit
8	IN07	IN	Digital input 07bit	16	IN15	IN	Digital input 15bit

* Table 4. Pin Assignment of 16Pin Terminal Blocks(TB4)

No.	Pin Name	Direction	Function	No.	Pin Name	Direction	Function
1	IN16	IN	Digital input 16bit	9	IN24	IN	Digital input 24bit
2	IN17	IN	Digital input 17bit	10	IN25	IN	Digital input 25bit
3	IN18	IN	Digital input 18bit	11	IN26	IN	Digital input 26bit
4	IN19	IN	Digital input 19bit	12	IN27	IN	Digital input 27bit
5	IN20	IN	Digital input 20bit	13	IN28	IN	Digital input 28bit
6	IN21	IN	Digital input 21bit	14	IN29	IN	Digital input 29bit
7	IN22	IN	Digital input 22bit	15	IN30	IN	Digital input 30bit
8	IN23	IN	Digital input 23bit	16	IN31	IN	Digital input 31bit

* Table 5. Pin Assignment of 2Pin Terminal Blocks(TB5)

No.	Pin Name	Direction	Function	No.	Pin Name	Direction	Function
1	FG	-	Frame ground	2	FG	-	Frame ground

NO	CODE	PART NUMBER	DESCRIPTION	QUANTITY	VENDOR
TB6	0037-00026	BR-S00C-2P	2P DIP Screw Type Pin 4.0mm	1 EA	Seonyoung Electronics
TB4	0037-00048	AK270-16P	16P DIP Screw Type Pin 4.0mm	1 EA	PHOENIX MECHANIC
TB5	0037-00048	AK370-16P	16P DIP Screw Type Pin 4.0mm	1 EA	PHOENIX MECHANIC
TB2	0037-00027	BR-S00C-4P	4P DIP Screw Type Pin 4.0mm	1 EA	Seonyoung Electronics
TB1	0037-00027	BR-S00C-4P	4P DIP Screw Type Pin 4.0mm	1 EA	Seonyoung Electronics
CN1	0094-00283	2-5176887-6	36P DIP Straight	1 EA	Type Electronics

REVISION DATE _____ DWG DATE 15 Jan 2008

AXT AJINEXTEK CO., LTD.

NAME
APC-EI36 v5.0
DIGITAL INPUT 32CH TERMINAL BLOCK
SCREW TYPE

DRAWING NO
AXT401-8-07-0009
SCALE 1:1 SHEET 1 OF 1 REV 1.0

A3
SIZE