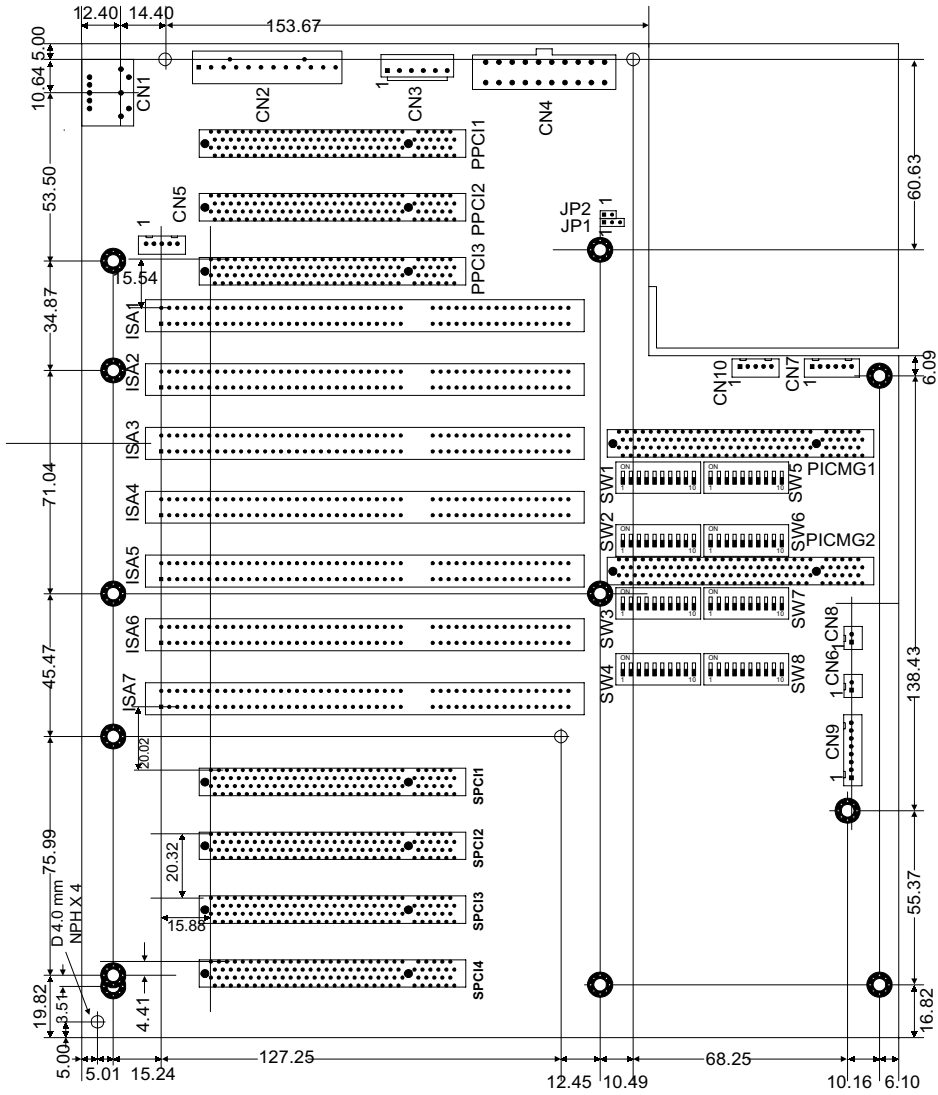


# ATX6022/14GP7 User's Manual

## 7 PCI / 2 PICMG / 5 ISA Quad System Segmented Backplane

### I. Board Dimensions



## II. DIP Switch Settings & Connectors

### Onboard PCI-to-PCI Bridge Controller Settings

DIP Switch	PCI-to-PCI Bridge	P-PCI1	P-PCI2	P-PCI3
SW4, SW8 All ON (default)	AD31 REQ0# GNT0#	AD30 REQ1# GNT1#	AD29 REQ2# GNT2#	AD28 REQ3# GNT3#
SW3, SW7 All ON	AD30 REQ1# GNT1#	AD29 REQ2# GNT2#	AD28 REQ3# GNT3#	AD31 REQ0# GNT0#
SW2, SW6 All ON	AD29 REQ2# GNT2#	AD28 REQ3# GNT3#	AD31 REQ0# GNT0#	AD30 REQ1# GNT1#
SW1, SW5 All ON	AD28 REQ3# GNT3#	AD31 REQ0# GNT0#	AD30 REQ1# GNT1#	AD29 REQ2# GNT2#

### Embedded Control Logic Settings

Jumper	Description
JP2	<b>Open:</b> System power ON/OFF via JP1 <b>Short:</b> System power ON/OFF via power supply switch
JP1	<b>Short 1-2:</b> System power ON/OFF either by front panel power button <b>CN8</b> or via ACPI compliant Microsoft Windows software <b>Short 2-3:</b> System power ON/OFF via front panel power button <b>CN8</b>
CN6	External SMI connector to front panel
CN7	6-pin cable to CPU card; used for Microsoft Windows Soft-power ON/OFF (ACPI compliant)
CN8	Power ON/OFF push button connector to front panel

### III. Pin Assignments

#### 20-pin ATX Power Connector: CN4

Brown	3.3V	11	1	3.3V	Brown
Blue	-12V	12	2	3.3V	Brown
Black	GND	13	3	GND	Black
Green	PS-ON	14	4	5V	Red
Black	GND	15	5	GND	Black
Black	GND	16	6	5V	Red
Black	GND	17	7	GND	Black
White	-5V	18	8	PW-OK	Orange
Red	5V	19	9	5VSB	Purple
Red	5V	20	10	12V	Yellow

#### Standard Power Connector: CN2

Pin	Signal	P8 & P9 Color
1	NC (P.G.)	Orange
2	+5V <sub>DC</sub>	Red
3	+12V <sub>DC</sub>	Yellow
4	-12V <sub>DC</sub>	Blue
5-8	GND	Black
9	-5V <sub>DC</sub>	White
10	+5V <sub>DC</sub>	Red
11-12	+5V <sub>DC</sub>	Red

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### Output Power Connectors: CN9

1	2	3	4	5	6	7	8
G	G	5	3	-	+	-	+
N	N	V	.	5	5	1	1
D	D	S	3	V	V	2	2
		B	V			V	V

### Keyboard Connectors: CN5, CN10

1	KBCLK
2	KBDATA
3	No Connector
4	KBGND
5	KBVcc

### Power Terminal Block: CN3

1	+5V
2	-5V
3	-12V
4	+12V
5	GND

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