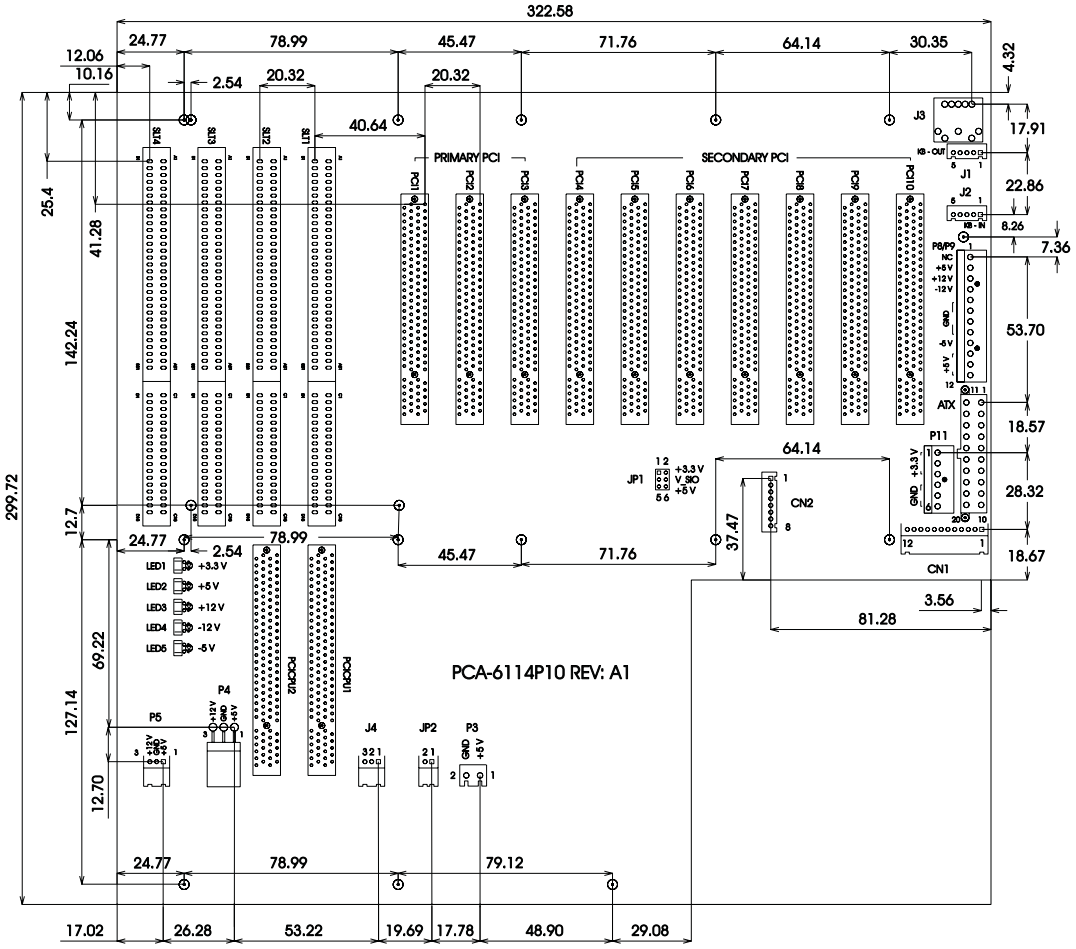
PCA-6114P10 REV: A1

Dimensions: 299.72 x 322.58 mm



1. CONNECTORS

CONNECTOR	DESCRIPTION
SLT1 ~ 2	PICMG connectors
SLT3 ~ 4	16-bit ISA-bus connectors
PCI1 ~ 3	32-bit PCI-bus connectors (primary)
PCI4 ~ 10	32-bit PCI-bus connectors (secondary)
CN1	12-pin power (±5 V, ±12 V), SP, HDD, K/B, reset and P-F connector
CN2	8-pin power (±5 V, ±12 V), SP, HDD and P-F connector
ATX	To ATX power connector
J1 (K/B - OUT)	To front part K/B connector
J2 (K/B - IN)	To CPU card K/B connector
J3	External K/B connector
J4	To CPU card for ATX power connector
JP1	V - IO for secondary PCI bus
JP2	Power ON control for ATX power supply
P3	2-pin +5 V DC power connector
P4 ~ 5	3-pin +5 V and +12 V DC power connector
P8/P9	To PS/2 power connector
P11	6-pin +3.3 V DC power connectors

JP2	
Closed	ATX power supply power ON
Open	ATX power supply power OFF

JP1	
1-3, 2-4 closed	V_IO = +3.3 V for secondary PCI bus
✳ 3-5, 4-6 closed	V_IO = +5 V for secondary PCI bus

✳ Default

2. PIN ASSIGNMENTS

CN1	
PIN	NAME
1	+12 V
2	-12 V
3	SP
4	+5 V
5	KBDLOCK
6	KBDDATA
7	KBDCLK
8	-5 V
9	GND
10	RESET
11	HDD
12	NC

CN2	
PIN	NAME
1	SP
2	+5 V
3	KBDLOCK
4	GND
5	GND
6	RESET
7	HDD
8	NC

P4 ~ P5	
PIN	NAME
1	+5 V
2	GND
3	+12 V

P8/P9	
PIN	NAME
1	NC
2	+5 V
3	+12 V
4	-12 V
5	GND
6	GND
7	GND
8	GND
9	-5 V
10	+5 V
11	+5 V
12	+5 V

P11	
PIN	NAME
1	+3.3 V
2	+3.3 V
3	+3.3 V
4	GND
5	GND
6	GND

P3	
PIN	NAME
1	+5 V
2	GND

J1~ J3	
PIN	NAME
1	CLK
2	DATA
3	NC
4	GND
5	+5 V

J4	
PIN	NAME
1	5 V STB
2	GND
3	PS-ON

ATX			
PIN	NAME	PIN	NAME
1	+3.3 V	11	+3.3 V
2	+3.3 V	12	-12 V
3	GND	13	GND
4	+5 V	14	PS-ON
5	GND	15	GND
6	+5 V	16	GND
7	GND	17	GND
8	NC	18	-5 V
9	5 V STB	19	+5 V
10	+12 V	20	+5 V

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