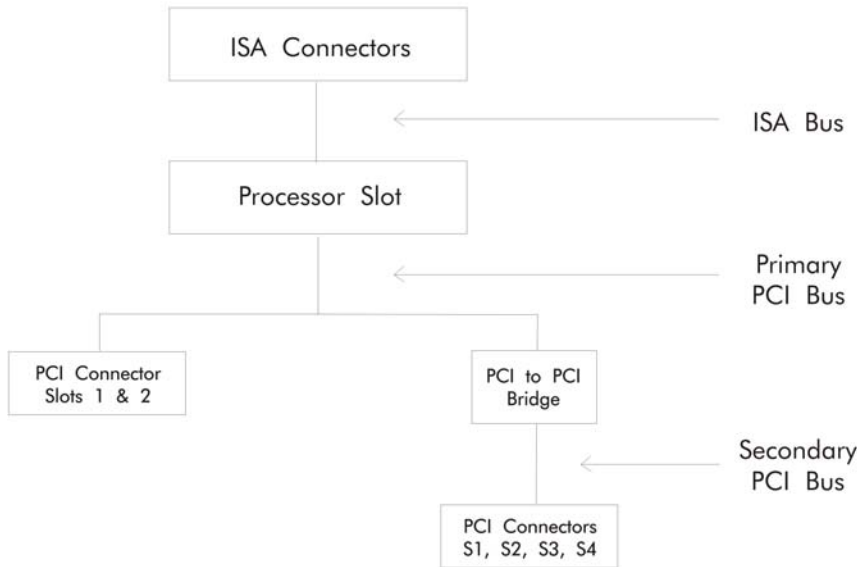


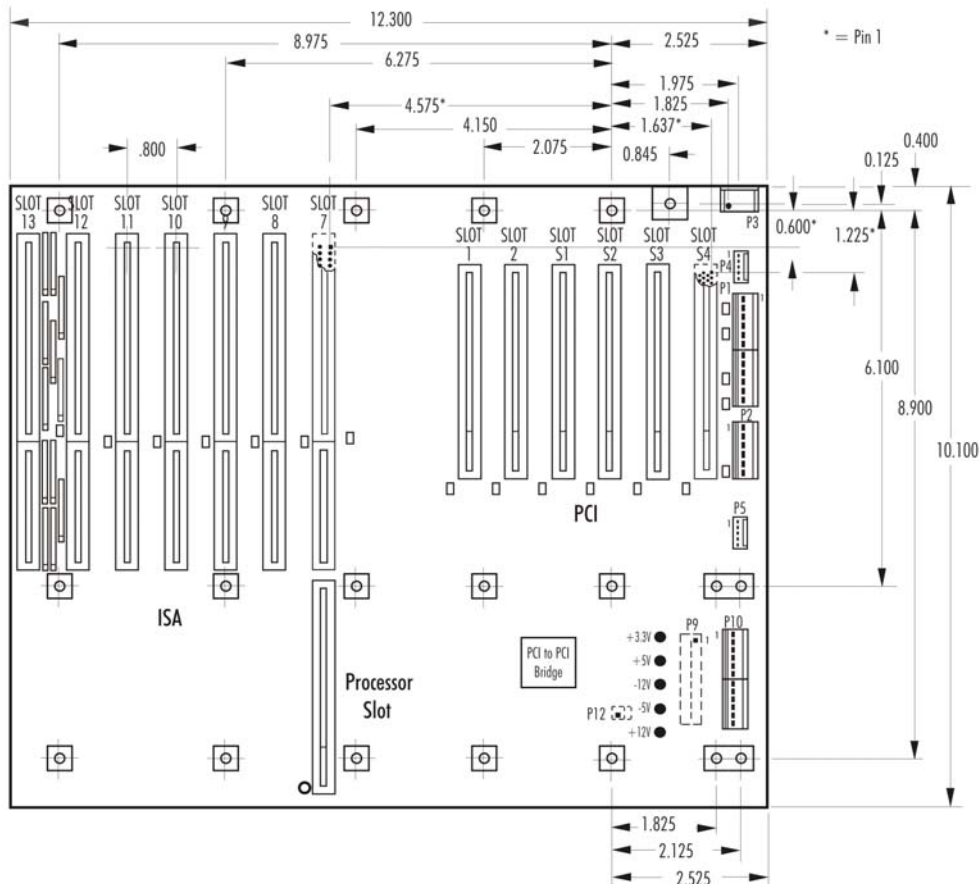


Technical Information – Jumpers and Connectors BP7/6 (5491) 32-BIT PCI/ISA Backplane

Block Diagram



Layout Diagram – 5491



- Notes:
- Connector spacing: 0.800"
 - Nominal PCB thickness: .062"
 - Mounting holes: .156" diameter
 - Connectors are populated based on model.
 - All dimensions are inches.



BP7/6 (5491-000) Connectors

NOTE: Pin 1 on the connectors is indicated by the square pad on the PCB.

P1 - Power Supply Connector

12 pin single row header, Leoco #4301P12V000

<u>Pin</u>	<u>Signal</u>
1	NC
2	+5V
3	+12V
4	-12V
5	Gnd
6	Gnd
7	Gnd
8	Gnd
9	-5V
10	+5V
11	+5V
12	+5V

P2 - Auxiliary Power Supply Connector

6 pin single row header, Burndy #2GTC6R-1

<u>Pin</u>	<u>Signal</u>
1	+5V
2	+5V
3	+5V
4	Gnd
5	Gnd
6	Gnd

P3 - Keyboard Connector

5 pin DIN, Amp #520842-11

<u>Pin</u>	<u>Signal</u>
1	Kbd Clock
2	Kbd Data
3	NC
4	Kbd Gnd
5	Kbd Power (+5V fused)

P4 - Keyboard Connector

5 pin single row header, Amp #640456-5

<u>Pin</u>	<u>Signal</u>
1	Kbd Clock
2	Kbd Data
3	NC
4	Kbd Gnd
5	Kbd Power (+5V fused)



BP7/6 (5491-000) Connectors (continued)

P5 - Keyboard Connector

5 pin single row header, Amp #640456-5

<u>Pin</u>	<u>Signal</u>
1	Kbd Clock
2	Kbd Data
3	NC
4	Kbd Gnd
5	Kbd Power (+5V fused)

P9 - ATX Power Connector (optional)

20 pin dual row header, Molex #39-39-9202

<u>Pin</u>	<u>Signal</u>	<u>Pin</u>	<u>Signal</u>
1	+3.3V	11	+3.3V
2	+3.3V	12	-12V
3	Gnd	13	Gnd
4	+5V	14	PSON#
5	Gnd	15	Gnd
6	+5V	16	Gnd
7	Gnd	17	Gnd
8	PW-OK (PWRGD)	18	-5V
9	+5VSB	19	+5V
10	+12V	20	+5V

P10 - +3.3V Power Supply Connector

12 pin single row header, Leoco #4301P12V000

<u>Pin</u>	<u>Signal</u>
1	+3.3V
2	+3.3V
3	+3.3V
4	Gnd
5	Gnd
6	Gnd
7	Gnd
8	Gnd
9	Gnd
10	+3.3V
11	+3.3V
12	+3.3V

P12 - ATX Power-On Connector (optional)

2 pin single row header, Amp #640456-2

<u>Pin</u>	<u>Signal</u>
1	PS-ON
2	Gnd