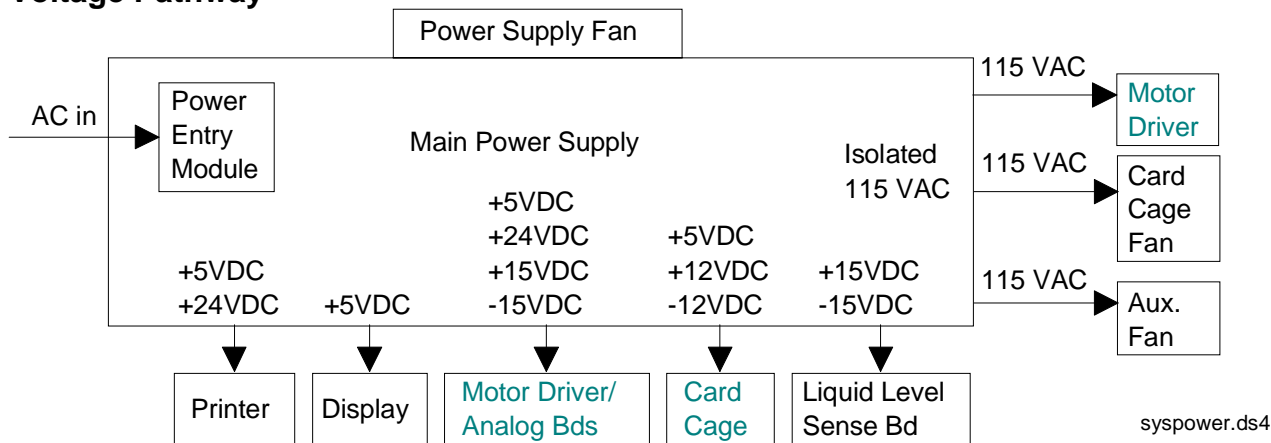


Power Supply (pg 1 of 6)

Voltage Pathway

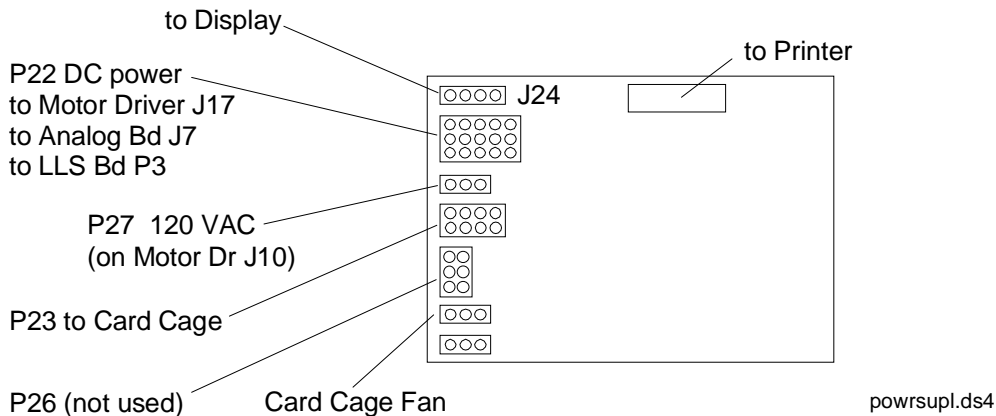


PL-6	Board Layout	Pinouts
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Appendix Contents	Manual Contents	CD Main Screen	Index
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Power Supply (pg 2 of 6)

Board Layout



Power Supply (pg 3 of 6)

Connector Pin Callouts

Power Supply (P/S) to Motor Driver

From P/S	To Motor Driver	Remarks
P27 - 1	P10 - 1	115VAC, HOT, 3A
P27 - 2	P10 - 2	115VAC, NEUT 3A
P27 - 3	P10 - 3	EARTH GND
P27 - 3		Shield connected on P27-3 only

Power Supply to LLS

From P/S	To LLS	Remarks
P22 - 8	P3 - 1	+15V
E4	P3 - 2	PGND
P22 - 9	P3 - 3	-15V
P22 - 6	P3 - E4	PGND
E3		PGND

Power Supply (pg 4 of 6)

Connector Pin Callouts (cont)

Power Supply to Analog/Motor

From P/S	To Analog	Remarks (* = 2 wires in same contact)
P22 - 12	P7 - 1	GND*
P22 - 13	P7 - 2	PGND*
P22 - 10	P7 - 3	+24V*
P22 - 12	P7 - 4	GND-*
P22 - 11		DGND, SHIELD ONLY
P22 - 13	P7 - 5	PGND*
P22 - 10	P7 - 6	+24V*
P22 - 8	P7 - 7	+15V
P22 - 7	P7 - 8	+5V
P22 - 14	P7 - 9	LMP CTRL

Power Supply to Analog/Motor (cont)

From P/S	To Analog	Remarks (* = 2 wires in same contact)
P22 - 9	P7 - 10	-15V
E1	P7 - 11	DGND*
P22 - 15	P7 - 12	ERR CORRECT
P22 - 6		PGND, SHIELD ONLY

From P/S	To Motor	Remarks
E2	P17 - 1	DGND*
P22 - 1	P17 - 2	+5V
P22 - 2	P17 - 3	+24V
E3	P17 - 4	PGND
P22 - 4	E2	DGND-SHIELD ON P22

Voltage Pathway	Board Layout
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Appendix Contents	Manual Contents	CD Main Screen	Index
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Power Supply (pg 5 of 6)

Connector Pin Callouts (cont)

Power Supply to Card Cage

From P/S	To Card Cage	Remarks
P23 - 5	P20 - 1	DGND (2 wires in same contact)
P23 - 1	P20 - 2	+5V, 10A
P23 - 2	P20 - 3	+5V, 10A
P23 - 9	P20 - 4	+12V, 20mA
P23 - 6	P20 - 6	DGND, 10A
P23 -	P20 - 7	KEY
P23 - 11		NC (unused wire)

Power Supply to Card Cage (cont)

From P/S	To Card Cage	Remarks
	P19 - 1	KEY
P23 - 7	P19 - 2	DGND, 10A (2 wires in same contact)
P23 - 10	P19 - 4	-12V, 20mA
P23 - 3	P19 - 5	+5V, 10A
P23 - 4	P19 - 6	+5V, 10A
P23 - 8	P19 - 7	DGND, 10A
P23 - 22		NC (unused wire)

Power Supply (pg 6 of 6)

Power Supply to Display

From P/S	To Display	Remarks
P24 - 1	CN2 - 2	+5V, 750mA
P24 - 2	CN2 - 1	DGND, 750mA
P24 - 3	CN2 - 3	DGND, 750mA
P24 - 3		Shield connected on P24-3 only

Power Supply to Printer

From P/S	To Printer	Remarks
P25 - 1	P31 - 1	+5V, 1A
P25 - 2	P31 - 2	DGND, 1A
P25 - 3	P31 - 3	PGND, 2.5A
P25 - 4	P31 - 4	+24V, 2.5A

Voltage Pathway	Board Layout
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Appendix Contents	Manual Contents	CD Main Screen	Index
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