

PIN	LABEL	SIGNAL	TO	FUNCTION	PIN	LABEL	SIGNAL	TO	FUNCTION	PIN	LABEL	SIGNAL	TO	FUNCTION
1	GND	GND	TBD-2	GND TO GND TERMINAL STRIP	36	INP6	INP14	-	-	71	HOMEZ	HOMEG	J17-19	HOME SPARE
2	ACMDX	ACMDE			37	INP5	INP13	-	-	72	FLSW	FLSH	J18-15	FWD LIMIT } SPARE
3	AENX	AENE			38	INP4/LW	INP12/LH	J18-5	SPARE } SECONDARY LIMITS	73	RLSW	RLSH	J18-16	REV LIMIT } SPARE
4	PULSX	PULSE			39	INP3/LZ	INP11/LG	J17-5	SPARE } SECONDARY LIMITS	74	HOMEW	HOMEH	J18-19	HOME } SPARE
5	DIRX	DIRE			40	INP2/LY	INP10/LF	J16-5	SPARE } SEDCONDARY LIMITS	75	GND	GND		GND TO GND TERMINALS
6	ACMDY	ACMDF			41	INP1/LX	INP9/LE	J15-5	SLITMASK } (JUMPERED TO +5V ON BOARD)	76	ABORT	INP24	J19-9	AUTO/MAN MANUAL CTRL BOX
7	AENY	AENF			42	INCOM	INCOM		GND TO GND TERMINALS	77	XA+	EA+	J15-7	A+ } ENCODER
8	PULSY	PULSF			43	GND	GND			78	XA-	EA-	J15-8	A- } ENCODER
9	DIRY	DIRF			44	WAB-	HAB-			79	XB+	EB+	J15-9	B+ } ENCODER
10	ACMDZ	ACMDG			45	WAB+	HAB+			80	XB-	EB-	J15-10	B- } ENCODER
11	AENZ	AENG			46	WAA-	HAA-			81	XI+	EI+		
12	PULSZ	PULSG			47	WAA+	HAA+			82	XI-	EI-		
13	DIRZ	DIRG			48	ZAB-	GAB-			83	YA+	FA+	J16-7	A+ } ENCODER
14	ACMDW	ACMDH			49	ZAB+	GAB+			84	YA-	FA-	J16-8	A- } ENCODER
15	AENW	AENH			50	ZAA-	GAA-			85	YB+	FB+	J16-9	B+ } ENCODER
16	PULSW	PULSH			51	ZAA+	GAA+			86	YB-	FB-	J16-10	B- } ENCODER
17	DIRW	DIRH			52	YAB-	FAB-			87	YI+	FI+		
18	AN1	IN17	-	-	53	YAB+	FAB+			88	YI-	FI-		
19	AN2	IN18	-	-	54	YAA-	FAA-			89	ZA+	GA+	J17-7	A+ } ENCODER
20	AN3	IN19	-	-	55	YAA+	FAA+			90	ZA-	GA-	J17-8	A- } ENCODER
21	AN4	IN20	-	-	56	XAB-	EAB-			91	ZB+	GB+	J17-9	B+ } ENCODER
22	AN5	IN21	-	-	57	XAB+	EAB+			92	ZB-	GB-	J17-10	B- } ENCODER
23	AN6	IN22	-	-	58	XAA-	EAA-			93	ZI+	GI+		
24	AN7	IN23	-	-	59	XAA+	EAA+			94	ZI-	GI-		
25	GND	GND		GND	60	GND	GND		GND TO GND TERMINALS	95	WA+	HA+	J18-7	A+ } ENCODER
26	OUT1	OUT9	J15-21	SLITMASK } FIDUCIAL ENABLE	61	5V	5V		(JUMPERED TO LSCOM & INCOM ON BOARD)	96	WA-	HA-	J18-8	A- } ENCODER
27	OUT2	OUT10	J16-21	SPARE	62	LSCOM	LSCOM		(JUMPERED TO +5V ON BOARD)	97	WB+	HB+	J18-9	B+ } ENCODER
28	OUT3	OUT11	J17-21	SPARE	63	FLSX	FLSE	J15-15	FWD LIMIT } SLITMASK	98	WB-	HB-	J18-10	B- } ENCODER
29	OUT4	OUT12	J18-21	SPARE	64	RLSX	RLSE	J15-16	REV LIMIT } SLITMASK	99	WI+	HI+		
30	OUT5	OUT13	-	-	65	HOMEX	HOMEE	J15-19	HOME } SPARE	100	WI-	HI-		
31	OUT6	OUT14	-	-	66	FLSY	FLSF	J16-15	FWD LIMIT } SPARE	101	+12V	+12V		
32	OUT7	OUT15	-	-	67	RLSY	RLSF	J16-16	REV LIMIT } SPARE	102	-12V	-12V		
33	OUT8	OUT16	-	-	68	HOMEY	HOMEF	J16-19	HOME } SPARE	103	5V	5V		
34	INP8	INP16	-	-	69	FLSZ	FLSG	J17-15	FWD LIMIT } SPARE	104	GND	GND		GND TO GND TERMINALS
35	INP7	INP15	-	-	70	RLSZ	RLSG	J17-16	REV LIMIT } SPARE					

NOTE: THOUGH NOTED AS X, Y, Z, AND W-AXIS
WE HAVE DESIGNATED THESE AS E, F, G,
AND H-AXIS

ALSO SEE EL-3023, 3067, 3068, 3069

REVISION		UNIVERSITY OF CALIFORNIA LICK OBSERVATORY		SIGNAL ASSIGNMENTS	
				AMPLIFIER TERMINAL BOARDS, CNTRL 2, AMP B	
06-19-97 RE-ARRANGED STAGES & REMOVED UNUSED SIGNALS 03-13-00 MOVED FIDUCIALS AND SECONDARY LIMITS TO CORRECT PINS 06-30-00 ADDED NOTE ABOUT AXIS DESIGNATIONS 06-14-02 REMOVED OLD REF'S TO FILTERWHEEL AND CHANGED LABEL FROM CASSETTE TO SLITMASK		DES'N BY: B. Alcott		ORIGIN DATE: 04-27-96	
		DRAWN BY:		MODIFY DATE: 06-14-02	
		PATH: DEIMOS\SIGNALSA		REV. A	
				DWG. NO. NUM. 1 OF 1	
				EL-3029	