

PIN	LABEL	SIGNAL	TO	FUNCTION	PIN	LABEL	SIGNAL	TO	FUNCTION	PIN	LABEL	SIGNAL	TO	FUNCTION
1	GND	GND	TBB-1	GND TO GND TERMINALS	36	INP6	INP14	-	-	71	HOMEZ	HOMEG	J7-19	HOME FILTER WHEEL
2	ACMDX	ACMDE			37	INP5	INP13	-	-	72	FLSW	FLSH	J8-15	FWD LIMIT } SPARE
3	AENX	AENE			38	INP4/LW	INP12/LH	J8-5	SPARE	73	RLSW	RLSH	J8-16	REV LIMIT } SPARE
4	PULSX	PULSE			39	INP3/LZ	INP11/LG	J7-5	FILTER WHEEL } LIMITS	74	HOMEW	HOMEH	J8-19	HOME } SPARE
5	DIRX	DIRE			40	INP2/LY	INP10/LF	J6-5	CCD TRANSLATION } SECONDARY	75	GND	GND		GND TO GND TERMINALS
6	ACMDY	ACMDF			41	INP1/LX	INP9/LE	J5-5	CCD FOCUS } LIMITS	76	ABORT	INP24	J9-8	AUTO/MAN MANUAL CTRL BOX
7	AENY	AENF			42	INCOM	INCOM		( JUMPERED TO +5V ON BOARD )	77	XA+	EA+	J5-7	A+ } SPARE
8	PULSY	PULSF			43	GND	GND		GND TO GND TERMINALS	78	XA-	EA-	J5-8	A- } SPARE
9	DIRY	DIRF			44	WAB-	HAB-			79	XB+	EB+	J5-9	B+ } SPARE
10	ACMDZ	ACMDG			45	WAB+	HAB+			80	XB-	EB-	J5-10	B- } SPARE
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+	J6-7	A+ } SPARE
14	ACMDW	ACMDH			49	ZAB+	GAB+			84	YA-	FA-	J6-8	A- } SPARE
15	AENW	AENH			50	ZAA-	GAA-			85	YB+	FB+	J6-9	B+ } SPARE
16	PULSW	PULSH			51	ZAA+	GAA+			86	YB-	FB-	J6-10	B- } SPARE
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+	J7-7	A+ } SPARE
20	AN3	IN19			55	YAA+	FAA+			90	ZA-	GA-	J7-8	A- } SPARE
21	AN4	IN20			56	XAB-	EAB-			91	ZB+	GB+	J7-9	B+ } SPARE
22	AN5	IN21			57	XAB+	EAB+			92	ZB-	GB-	J7-10	B- } SPARE
23	AN6	IN22			58	XAA-	EAA-			93	ZI+	GI+		
24	AN7	IN23			59	XAA+	EAA+			94	ZI-	GI-		
25	GND	GND		GND TO GND TERMINAL STRIP	60	GND	GND		GND TO GND TERMINALS	95	WA+	HA+	J8-7	A+ } SPARE
26	OUT1	OUT9	J5-21	CCD FOCUS	61	5V	5V		( JUMPERED TO LSCOM & INCOM ON BOARD )	96	WA-	HA-	J8-8	A- } SPARE
27	OUT2	OUT10	J6-21	CCD TRANSLATION	62	LSCOM	LSCOM		( JUMPERED TO +5V ON BOARD )	97	WB+	HB+	J8-9	B+ } SPARE
28	OUT3	OUT11	J7-21	FILTER WHEEL	63	FLSX	FLSE	J5-15	FWD LIMIT	98	WB-	HB-	J8-10	B- } SPARE
29	OUT4	OUT12	J8-21	SPARE	64	RLSX	RLSE	J5-16	REV LIMIT	99	WI+	HI+		
30	OUT5	OUT13	-	-	65	HOMEX	HOMEE	J5-19	HOME	100	WI-	HI-		
31	OUT6	OUT14	-	-	66	FLSY	FLSF	J6-15	FWD LIMIT	101	+12V	+12V		
32	OUT7	OUT15	-	-	67	RLSY	RLSF	J6-16	REV LIMIT	102	-12V	-12V		
33	OUT8	OUT16	-	-	68	HOMEY	HOMEF	J6-19	HOME	103	5V	5V		
34	INP8	INP16	-	-	69	FLSZ	FLSG	J7-15	FWD LIMIT	104	GND	GND		GND TO GND TERMINALS
35	INP7	INP15	-	-	70	RLSZ	RLSG	J7-16	REV LIMIT					

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

ALSO SEE EL-3021, 3054, 3056, 3057

REVISION		UNIVERSITY OF CALIFORNIA LICK OBSERVATORY		SIGNAL ASSIGNMENTS AMPLIFIER TERMINAL BOARDS, CNTRL 1, AMP B DEIMOS SPECTROGRAPH	
06-19-97 RE-ARRANGED STAGES & REMOVED UNUSED SIGNALS		DRAWN BY:		MODIFY DATE: 06-14-02	
03-18-98 ADDED FILTER WHEEL TO CHANNEL 'G'		PATH: DEIMOS\SIGNALS8		REV. A	
03-13-00 MOVED FIDUCIAL AND SECONDARY LIMITS TO CORRECT PINS				EL-3027	
06-30-00 ADDED NOTE ABOUT AXIS DESIGNATIONS					
06-14-02 REMOVED STAGE LABELS ON AUX ENCODER INPUTS					