

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	INP6			71	HOMEZ	HOMEZ	J3-19	FIDUCIAL CCD FOCUS
2	ACMDX	ACMDX			37	INP5	INP5			72	FLSW	FLSW	J4-15	FWD LIMIT
3	AENX	AENX			38	INP4/LW	INP4/LW	J4-5	FILTER WHEEL	73	RLSW	RLSW	J4-16	REV LIMIT
4	PULSX	PULSX			39	INP3/LZ	INP3/LZ	J3-5	CCD FOCUS	74	HOMEW	HOMEW	J4-19	FIDUCIAL
5	DIRX	DIRX			40	INP2/LY	INP2/LY	J2-5	TV FILTER	75	GND	GND		GND TO GND TERMINALS
6	ACMDY	ACMDY			41	INP1/LX	INP1/LX	J1-5	TV TRANSLATION	76	ABORT	ABORT		
7	AENY	AENY			42	INCOM	INCOM		(JUMPERED TO +5V ON BOARD)	77	XA+	XA+	J1-7	A+}
8	PULSY	PULSY			43	GND	GND		GND TO GND TERMINALS	78	XA-	XA-	J1-8	A-}
9	DIRY	DIRY			44	WAB-	WAB-	J4-7	WAB-}	79	XB+	XB+	J1-9	B+}
10	ACMDZ	ACMDZ			45	WAB+	WAB+	J4-8	WAB+}	80	XB-	XB-	J1-10	B-}
11	AENZ	AENZ			46	WAA-	WAA-	J4-9	WAA-}	81	XI+	XI+		
12	PULSZ	PULSZ			47	WAA+	WAA+	J4-10	WAA+}	82	XI-	XI-		
13	DIRZ	DIRZ			48	ZAB-	ZAB-			83	YA+	YA+	J2-7	A+}
14	ACMDW	ACMDW			49	ZAB+	ZAB+			84	YA-	YA-	J2-8	A-}
15	AENW	AENW			50	ZAA-	ZAA-			85	YB+	YB+	J2-9	B+}
16	PULSW	PULSW			51	ZAA+	ZAA+			86	YB-	YB-	J2-10	B-}
17	DIRW	DIRW			52	YAB-	YAB-			87	YI+	YI+		
18	AN1	AN1	AI P2-3	-	53	YAB+	YAB+			88	YI-	YI-		
19	AN2	AN2	AI P2-1	DOME TEMPERATURE	54	YAA-	YAA-			89	ZA+	ZA+	J3-7	A+}
20	AN3	AN3	AI P2-5	-	55	YAA+	YAA+			90	ZA-	ZA-	J3-8	A-}
21	AN4	AN4	AI P2-9	MOTOR SUPPLY +28V	56	XAB-	XAB-			91	ZB+	ZB+	J3-9	B+}
22	AN5	AN5	AI P2-17	+5V SUPPLY	57	XAB+	XAB+			92	ZB-	ZB-	J3-10	B-}
23	AN6	AN6	AI P2-19	+/-15V SUPPLY	58	XAA-	XAA-			93	ZI+	ZI+		
24	AN7	AN7	AI P2-11	-	59	XAA+	XAA+			94	ZI-	ZI-		
25	GND	GND		GND TO GND TERMINALS	60	GND	GND		GND TO GND TERMINALS	95	WA+	WA+	J24-4	A+}
26	OUT1	OUT1	J1-21	TV TRANSLATION	61	5V	5V		(JUMPERED TO INCOM AND LSCOM ON BOARD)	96	WA-	WA-	J24-5	A-}
27	OUT2	OUT2	J2-21	TV FILTER	62	LSCOM	LSCOM		(JUMPERED TO +5V ON BOARD)	97	WB+	WB+	J24-6	B+}
28	OUT3	OUT3	J3-21	CCD FOCUS	63	FLSX	FLSX	J1-15	FWD LIMIT	98	WB-	WB-	J24-7	B-}
29	OUT4	OUT4	J4-21	FILTER WHEEL	64	RLSX	RLSX	J1-16	REV LIMIT	99	WI+	WI+	J24-3	WI+}
30	OUT5	OUT5	-	-	65	HOMEX	HOMEX	J1-19	FIDUCIAL	100	WI-	WI-	J24-2	WI-}
31	OUT6	OUT6	-	-	66	FLSY	FLSY	J2-15	FWD LIMIT	101	+12V	+12V		
32	OUT7	OUT7	-	-	67	RLSY	RLSY	J2-16	REV LIMIT	102	-12V	-12V		
33	OUT8	OUT8	-	-	68	HOMEY	HOMEY	J2-19	FIDUCIAL	103	5V	5V		
34	INP8	INP8	-	-	69	FLSZ	FLSZ	J3-15	FWD LIMIT	104	GND	GND		GND TO GND TERMINALS
35	INP7	INP7	-	-	70	RLSZ	RLSZ	J3-16	REV LIMIT					

* THIS AXIS HAS THE MOTOR AND SECONDARY ENCODER INPUTS REWIRED PER THIS DRAWING

REVISION		UNIVERSITY OF CALIFORNIA LICK OBSERVATORY		SIGNAL ASSIGNMENTS AMPLIFIER TERMINAL BOARDS, AMP A PRIME FOCUS CAMERA	
				DES'N BY: B. Alcott	ORIGIN DATE: 1/19/96
9-17-97 SWAPPED D-AXIS ENCODER INPUTS 1-23-98 CORRECTED FILTER WHEEL AUXILLERY ENCODER CONNECTOR FROM J21 TO J24		DRAWN BY:		MODIFY DATE: 1-23-98	
		PATH: PFCAM/SIGNALS3		REV. A	
				EL-3222-1D	