

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	-	FIDUCIAL -
2	ACMDX	ACMDX			37	INP5	INP13			72	FLSW	FLSH	-	FWD LIMIT } -
3	AENX	AENX			38	INP4/LW	INP12/LH	PNL1-3	ION PUMP	73	RLSW	RLSH	-	REV LIMIT } -
4	PULSX	PULSX			39	INP3/LZ	INP11/LG	J9-8	STOP	74	HOMEW	HOMEH	-	FIDUCIAL } -
5	DIRX	DIRX			40	INP2/LY	INP10/LF	J9-9	FWD	75	GND	GND	-	GND TO GND TERMINALS
6	ACMDY	ACMDY			41	INP1/LX	INP9/LE	J9-10	REV	76	ABORT	INP24	-	AUTO/MANUAL
7	AENY	AENY			42	INCOM	INCOM		( JUMPERED TO +5V ON BOARD )	77	XA+	EA+	-	A+ } ENCODER -
8	PULSY	PULSY			43	GND	GND	PNL1-4	GND TO GND TERMINALS	78	XA-	EA-	-	A- } ENCODER -
9	DIRY	DIRY			44	WAB-	HAB-			79	XB+	EB+	-	B+ } ENCODER -
10	ACMDZ	ACMDZ			45	WAB+	HAB+			80	XB-	EB-	-	B- } ENCODER -
11	AENZ	AENZ			46	WAA-	HAA-			81	XI+	EI+	-	
12	PULSZ	PULSZ			47	WAA+	HAA+			82	XI-	EI-	-	
13	DIRZ	DIRZ			48	ZAB-	GAB-			83	YA+	FA+	-	A+ } ENCODER -
14	ACMDW	ACMDW			49	ZAB+	GAB+			84	YA-	FA-	-	A- } ENCODER -
15	AENW	AENW			50	ZAA-	GAA-			85	YB+	FB+	-	B+ } ENCODER -
16	PULSW	PULSW			51	ZAA+	GAA+			86	YB-	FB-	-	B- } ENCODER -
17	DIRW	DIRW			52	YAB-	FAB-			87	YI+	FI+	-	
18	AN1	IN17	J9-1	M0 } MODE	53	YAB+	FAB+			88	YI-	FI-	-	
19	AN2	IN18	J9-2	M1 } MODE	54	YAA-	FAA-			89	ZA+	GA+	-	A+ } ENCODER -
20	AN3	IN19	J9-3	M2 } MODE	55	YAA+	FAA+			90	ZA-	GA-	-	A- } ENCODER -
21	AN4	IN20	J9-4	S0 } MOTOR SELECT	56	XAB-	EAB-			91	ZB+	GB+	-	B+ } ENCODER -
22	AN5	IN21	J9-5	S1 } MOTOR SELECT	57	XAB+	EAB+			92	ZB-	GB-	-	B- } ENCODER -
23	AN6	IN22	J9-6	S2 } MOTOR SELECT	58	XAA-	EAA-			93	ZI+	GI+	-	
24	AN7	IN23			59	XAA+	EAA+			94	ZI-	GI-	-	
25	GND	GND	-	GND TO GND TERMINALS	60	GND	GND		GND TO GND TERMINALS	95	WA+	HA+	-	A+ } ENCODER -
26	OUT1	OUT9	J9-17	STAGE IS MOVING	61	5V	5V		( JUMPERED TO INCOM AND LSCOM ON BOARD )	96	WA-	HA-	-	A- } ENCODER -
27	OUT2	OUT10	J9-16	IN REV LIMIT	62	LSCOM	LSCOM		( JUMPERED TO +5V ON BOARD )	97	WB+	HB+	-	B+ } ENCODER -
28	OUT3	OUT11	J9-15	IN FWD LIMIT	63	FLSX	FLSE	-	FWD LIMIT } -	98	WB-	HB-	-	B- } ENCODER -
29	OUT4	OUT12	-	-	64	RLSX	RLSE	-	REV LIMIT } -	99	WI+	HI+	-	
30	OUT5	OUT13	-	-	65	HOMEX	HOMEE	-	FIDUCIAL } -	100	WI-	HI-	-	
31	OUT6	OUT14	-	-	66	FLSY	FLSF	-	FWD LIMIT } -	101	+12V	+12V	-	
32	OUT7	OUT15	-	-	67	RLSY	RLSF	-	REV LIMIT } -	102	-12V	-12V	-	
33	OUT8	OUT16	-	-	68	HOMEY	HOMEF	-	FIDUCIAL } -	103	5V	5V	-	
34	INP8	INP16	-	-	69	FLSZ	FLSG	-	FWD LIMIT } -	104	GND	GND	-	GND TO GND TERMINALS
35	INP7	INP15	-	-	70	RLSZ	RLSG	-	REV LIMIT } -					

UNIVERSITY OF CALIFORNIA  
LICK OBSERVATORY

SIGNAL ASSIGNMENTS  
ICM-1100 INTERFACE BOARD  
PRIME FOCUS CAMERA

REVISION

04-24-09 MOVED ONTO STANDARD SHEET

DES'N BY: B. Alcott

ORIGIN DATE: 1/19/96

DWG. NO.

NUM. OF 1

Last SN

MODIFY DATE: 04-24-09

PRINT TIME: 07:14:28

PRINT DATE: Fri Apr 24, 2009

EL-3223-1D

REV.  
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PATH: PFCAM/SIGNALS4

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