

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	FIDUCIAL COLL3
2	ACMDX	ACMDE			37	INP5	INP13	-	-	72	FLSW	FLSH	J8-15	FWD LIMIT
3	AENX	AENE			38	INP4/LW	INP12/LH	J8-5	TV FILTER	73	RLSW	RLSH	J8-16	REV LIMIT
4	PULSX	PULSE			39	INP3/LZ	INP11/LG	J7-5	COLL3	74	HOMEW	HOMEH	J8-19	FIDUCIAL
5	DIRX	DIRE			40	INP2/LY	INP10/LF	J6-5	COLL2	75	GND	GND		GND TO GND TERMINALS
6	ACMDY	ACMDF			41	INP1/LX	INP9/LE	J5-5	COLL1	76	ABORT	INP24	-	-
7	AENY	AENF			42	INCOM	INCOM			77	XA+	EA+	J5-7	A+
8	PULSY	PULSF			43	GND	GND		GND TO GND TERMINALS	78	XA-	EA-	J5-8	A-
9	DIRY	DIRF			44	WAB-	HAB-			79	XB+	EB+	J5-9	B+
10	ACMDZ	ACMDG			45	WAB+	HAB+			80	XB-	EB-	J5-10	B-
11	AENZ	AENG			46	WAA-	HAA-			81	XI+	EI+	J25-3	XI+
12	PULSZ	PULSG			47	WAA+	HAA+			82	XI-	EI-	J25-2	XI-
13	DIRZ	DIRG			48	ZAB-	GAB-	J27-4	B-	83	YA+	FA+	J6-7	A+
14	ACMDW	ACMDH			49	ZAB+	GAB+	J27-5	B+	84	YA-	FA-	J6-8	A-
15	AENW	AENH			50	ZAA-	GAA-	J27-6	A-	85	YB+	FB+	J6-9	B+
16	PULSW	PULSH			51	ZAA+	GAA+	J27-7	A+	86	YB-	FB-	J6-10	B-
17	DIRW	DIRH			52	YAB-	FAB-	J26-4	B-	87	YI+	FI+	J26-3	YI+
18	AN1	IN17	-	-	53	YAB+	FAB+	J26-5	B+	88	YI-	FI-	J26-2	YI-
19	AN2	IN18	-	-	54	YAA-	FAA-	J26-6	A-	89	ZA+	GA+	J7-7	A+
20	AN3	IN19	-	-	55	YAA+	FAA+	J26-7	A+	90	ZA-	GA-	J7-8	A-
21	AN4	IN20	-	-	56	XAB-	EAB-	J25-4	B-	91	ZB+	GB+	J7-9	B+
22	AN5	IN21	-	-	57	XAB+	EAB+	J25-5	B+	92	ZB-	GB-	J7-10	B-
23	AN6	IN22	-	-	58	XAA-	EAA-	J25-6	A-	93	ZI+	GI+	J27-3	ZI+
24	AN7	IN23	-	-	59	XAA+	EAA+	J25-7	A+	94	ZI-	GI-	J27-2	ZI-
25	GND	GND		GND TO GND TERMINAL STRIP	60	GND	GND		GND TO GND TERMINALS	95	WA+	HA+	J8-7	A+
26	OUT1	OUT9	J5-21	COLL1	61	5V	5V		(JUMPERED TO LSCOM & INCOM ON BOARD)	96	WA-	HA-	J8-8	A-
27	OUT2	OUT10	J6-21	COLL2	62	LSCOM	LSCOM		(JUMPERED TO +5V ON BOARD)	97	WB+	HB+	J8-9	B+
28	OUT3	OUT11	J7-21	COLL3	63	FLSX	FLSE	J5-15	FWD LIMIT	98	WB-	HB-	J8-10	B-
29	OUT4	OUT12	J8-21	TV FILTER	64	RLSX	RLSE	J5-16	REV LIMIT	99	WI+	HI+		
30	OUT5	OUT13	-	-	65	HOMEX	HOMEE	J5-19	FIDUCIAL	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	FIDUCIAL	103	5V	5V		
34	INP8	INP16	-	-	69	FLSZ	FLSG	J7-15	REV LIMIT	104	GND	GND		GND TO GND TERMINALS
35	INP7	INP15	-	-	70	RLSZ	RLSG	J7-16	FIDUCIAL					

NOTE: DUAL-LOOP ENCODING ON COLLIMATOR MOTORS. NORMAL ENCODING ON TV FILTER.

UNIVERSITY OF CALIFORNIA LICK OBSERVATORY		SIGNAL ASSIGNMENTS CONTROLLER #0, 2ND AMPLIFIER ESI SPECTROGRAPH	
DES'N BY: B. Alcott		ORIGIN DATE: 2/19/96	
DRAWN BY:		MODIFY DATE: 11/19/97	
PATH: ESI\SIGNALS6		REV. A	EL-3325-1D
REVISION		DWG. NO.	NUM. 1 OF 1
11/19/97 ADDED NOTE AND DESIGNATED DUAL-LOOP ENCODERS			