

MAIN (JD2)

PIN	FUNCTION	ASSIGNMENT	PIN	FUNCTION	ASSIGNMENT
1	GND		31	MOT CMD H	SIGNALS TO SERVO AMPS
2	+5V		32	AMP EN H	
3	NC		33	A+ E	} TV FILTER
4	NC		34	A- E	
5	LIM COMMON		35	B+ E	} COLL1
6	FWD LIM E	} COLL1	36	B- E	
7	REV LIM E		} COLL2	37	I+ E
8	HOME E	} COLL3		38	I- E
9	FWD LIM F		} TV FILTER	39	A+ F
10	REV LIM F	} COLL2		40	A- F
11	HOME F		} COLL2	41	B+ F
12	FWD LIM G	} COLL3		42	B- F
13	REV LIM G		} COLL3	43	I+ F
14	HOME G	} TV FILTER		44	I- F
15	FWD LIM H		} COLL3	45	A+ G
16	REV LIM H	} TV FILTER		46	A- G
17	HOME H		} COLL3	47	B+ G
18	OUTPUT 9	} TV FILTER		48	B- G
19	INPUT COM.		} TV FILTER	49	I+ G
20	LATCH E	} TV FILTER		50	I- G
21	LATCH F		} TV FILTER	51	A+ H
22	LATCH G	} TV FILTER		52	A- H
23	LATCH H		} TV FILTER	53	B+ H
24	INPUT 24	} TV FILTER		54	B- H
25	MOT CMD E		} COLL1	55	I+ H
26	AMP EN E	} COLL2		56	I- H
27	MOT CMD F		} COLL2	57	+12V
28	AMP EN F	} COLL3		58	-12V
29	MOT CMD G		} COLL3	59	+5V
30	AMP EN G	} COLL3		60	GND

GENERAL I/O (JD5)

PIN	FUNCTION	ASSIGNMENT
1	INPUT 17	-
2	INPUT 18	-
3	INPUT 19	-
4	INPUT 20	-
5	INPUT 21	-
6	INPUT 22	-
7	INPUT 23	-
8	GND	
9	+5V	
10	OUTPUT 9	COLL1
11	OUTPUT 10	COLL2
12	OUTPUT 11	COLL3
13	OUTPUT 12	TV FILTER
14	OUTPUT 13	-
15	OUTPUT 14	-
16	OUTPUT 15	-
17	OUTPUT 16	-
18	INPUT 16	-
19	INPUT 15	-
20	INPUT 14	-
21	INPUT 13	-
22	INPUT 12	TV FILTER
23	INPUT 11	COLL 3
24	INPUT 10	COLL 2
25	INPUT 9	COLL 1
26	INPUT COM.	

AUXILIARY ENCODER (JD3)

PIN	FUNCTION	ASSIGNMENT
1	SAMPLE CLK	
2	RESERVED	
3	B- H	} COLLIMATOR #3
4	B+ H	
5	A- H	} MOTOR
6	A+ H	
7	B- G	} COLLIMATOR #2
8	B+ G	
9	A- G	} MOTOR
10	A+ G	
11	B- F	} COLLIMATOR #1
12	B+ F	
13	A- F	} MOTOR
14	A+ F	
15	B- E	} COLLIMATOR #1
16	B+ E	
17	A- E	} MOTOR
18	A+ E	
19	+5V	
20	GND	

UNIVERSITY OF CALIFORNIA
LICK OBSERVATORY

SIGNAL ASSIGNMENTS
CONTROLLER #0, 2ND BANK
ESI SPECTROGRAPH

REVISION

1-23-98 ADDED SECONDARY LIMIT SIGNALS

DES'N BY: B. Alcott

ORIGIN DATE: 2/19/96

DWG. NO.

NUM. 1 OF 1

DRAWN BY:

MODIFY DATE: 1-23-98

PATH: ESI\SIGNALS2

REV. A

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