

MAIN (J2)

PIN	FUNCTION	ASSIGNMENT	PIN	FUNCTION	ASSIGNMENT
1	GND		31	MOT CMD W	SIGNALS TO SERVO AMPS
2	+5V		32	AMP EN W	
3	ERROR		33	A+ X	FILTER WHEEL
4	RESET		34	A- X	
5	SWITCH COM.		35	B+ X	TV TRANSLATION
6	FWD LIM X	TV TRANSLATION	36	B- X	
7	REV LIM X		37	I+ X	
8	HOME X	38	I- X		
9	FWD LIM Y	TV FILTER	39	A+ Y	ENCODER SIGNALS
10	REV LIM Y		40	A- Y	
11	HOME Y	LIMIT SWITCH SIGNALS	41	B+ Y	
12	FWD LIM Z		42	B- Y	
13	REV LIM Z	CCD FOCUS	43	I+ Y	TV FILTER
14	HOME Z	44	I- Y		
15	FWD LIM W	FILTER WHEEL	45	A+ Z	CCD FOCUS
16	REV LIM W		46	A- Z	
17	HOME W		47	B+ Z	CCD FOCUS
18	OUTPUT 1		48	B- Z	
19	INPUT COM.		49	I+ Z	FILTER WHEEL
20	INPUT 1		50	I- Z	
21	INPUT 2		51	A+ W	
22	INPUT 3		52	A- W	
23	INPUT 4		53	B+ W	FILTER WHEEL
24	ABORT		54	B- W	
25	MOT CMD X	TV TRANSLATION	55	I+ W	SIGNALS TO SERVO AMPS
26	AMP EN X		56	I- W	
27	MOT CMD Y	TV FILTER	57	+12V	
28	AMP EN Y		58	-12V	
29	MOT CMD Z	TV APERTURE	59	+5V	
30	AMP EN Z		60	GND	

GENERAL I/O (J5)

PIN	FUNCTION	ASSIGNMENT
1	ANALOG 1	-
2	ANALOG 2	DOME TEMPERATURE
3	ANALOG 3	-
4	ANALOG 4	MOTOR SUPPLY #1 (+28V)
5	ANALOG 5	+5V SUPPLY
6	ANALOG 6	+/-15V SUPPLY
7	ANALOG 7	-
8	GND	
9	+5V	
10	OUTPUT 1	TV TRANSLATION
11	OUTPUT 2	TV FILTER
12	OUTPUT 3	CCD FOCUS
13	OUTPUT 4	FILTER WHEEL
14	OUTPUT 5	FIDUCIAL ENABLE
15	OUTPUT 6	
16	OUTPUT 7	
17	OUTPUT 8	
18	INPUT 8	SECONDARY LIMIT
19	INPUT 7	
20	INPUT 6	
21	INPUT 5	-
22	INPUT 4	FILTER WHEEL
23	INPUT 3	CCD FOCUS
24	INPUT 2	TV FILTER
25	INPUT 1	TV TRANSLATION
26	INPUT COM.	

AUXILIARY ENCODER (J3)

PIN	FUNCTION	ASSIGNMENT
1	SAMPLE CLK	
2	RESERVED	
3	B- W	
4	B+ W	
5	A- W	
6	A+ W	
7	B- Z	
8	B+ Z	
9	A- Z	
10	A+ Z	
11	B- Y	
12	B+ Y	
13	A- Y	
14	A+ Y	
15	B- X	
16	B+ X	
17	A- X	
18	A+ X	
19	+5V	
20	GND	

REVISION

10/4/96 CONVERTED TO ACCEL EDA

UNIVERSITY OF CALIFORNIA
LICK OBSERVATORY

SIGNAL ASSIGNMENTS
FIRST BANK OF CONNECTORS
PRIME FOCUS CAMERA

DES'N BY: B. Alcott

ORIGIN DATE: 1/19/96

DWG. NO.

NUM. 1 OF 1

DRAWN BY:

MODIFY DATE:

PATH: PFCAM\SIGNALS1

REV. A

EL-3220-1D