



NOTE - THE FOLLOWING GROUND SYMBOLS ARE USED:



UNIVERSITY OF CALIFORNIA LICK OBSERVATORY	
LICK CCD - VERSION B INTERCONNECT	
DWG. NO.	EL-1226
DES'N BY: Chris Wright	ORIGIN DATE: SEPTEMBER 30, 1997
DRAWN BY:	MODIFY DATE:
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REVISION

CCD SIGNALS

P1 40-PIN DUAL-ROW CONNECTOR PIN	CCD VERSION B SIGNAL NAME	P2 32-PIN DUAL-ROW CONNECTOR		P3 32-PIN DUAL-ROW CONNECTOR	
		PIN	SIGNAL	PIN	SIGNAL
1	OD (A)	17	VDD (A)		
2	OS (A) - VIDEO				
3	OD (A)	17	VDD (A)		
4	GND	*	GND	**	GND
5	SUB	3/-	SUB/GND		
6	RD (A)	11	RD (A)		
7	OD (A)	17	VDD (A)		
8	RG (A)			31	RG-A
9	OSW (A)			9	SW-A
10	OG (A)	5	OPG (A)		
11	V1 (A)			2	P1-A
12	V2 (A)			7	P2-A
13	V3 (A)			8	P3-A
14	TG (A)	23	TG		
15	SUB	3/-	SUB/GND		
16	H1 (A)			14	S1-A
17	H2 (A)			17	S2-A
18	SUB	3/-	SUB/GND		
19					
20	H3			19	S3-A/B
21	H3			19	S3-A/B
22					
23	SUB	3/-	SUB/GND		
24	H2 (B)			28	S2-B
25	H1 (B)			26	S1-B
26	SUB	3/-	SUB/GND		
27	TG (B)	23	TG		
28	V3 (B)	27	P3-B		
29	V2 (B)	29	P2-B		
30	V1 (B)	32	P1-B		
31	OG (B)	6	OPG (B)		
32	OSW (B)			22	SW-B
33	RG (B)			30	RG-B
34	OD (B)	19	VDD (B)		
35	RD (B)	18	RD (B)		
36	SUB	3/-	SUB/GND		
37	GND	*	GND	**	GND
38	OD (B)	19	VDD (B)		
39	OS (B) - VIDEO				
40	OD (B)	19	VDD (B)		

NOTES:

SUB CONNECTION IS JUMPER-SELECTABLE TO GND
 * P2 GND PINS: 1, 4, 7, 8, 9, 14, 15, 20, 25, 26, 28, 30
 ** P3 GND PINS: 1, 5, 6, 11, 15, 18, 20, 24, 25, 27, 29, 32

TEMPERATURE CONTROL

P6 4-PIN SINGLE-ROW CONNECTOR PIN	TEMP CONTROL SIGNAL NAME	P2 32-PIN DUAL-ROW CONNECTOR PIN	P3 32-PIN DUAL-ROW CONNECTOR PIN
1	HEATER_RTN	21	
2	HEATER_PWR	24	
3	TEMP DIODE CATHODE	22	
4	TEMP DIODE ANODE	31	

SPARE SIGNALS

SPARES' SIGNAL NAME	P2 32-PIN DUAL-ROW CONNECTOR PIN	P3 32-PIN DUAL-ROW CONNECTOR PIN
TP1		12
TP2		10
TP3	16	
TP4		13
TP5		23
TP6		21
TP7	12	
TP8	13	
GUARD	10	

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