

PIN	COLUMN			
	SIGNAL	A USED FOR	SIGNAL	C USED FOR
1	-15V	-15V	+15V	+15V
2	D OUT 7	-	D IN 7	-
3	D OUT 6	BIAS SELECT 3	D IN 6	-
4	D OUT 5	BIAS SELECT 2	D IN 5	-
5	D OUT 4	BIAS SELECT 1	D IN 4	SHUTTER <u>RIGHT OUT</u>
6	D OUT 3	BIAS SELECT 0	D IN 3	SHUTTER <u>RIGHT IN</u>
7	D OUT 2	CCD SELECT 2	D IN 2	SHUTTER <u>LEFT OUT</u>
8	D OUT 1	CCD SELECT 1	D IN 1	SHUTTER <u>LEFT IN</u>
9	D OUT 0	CCD SELECT 0	D IN 0	SHUTTER IS <u>OPEN</u>
10	D OUT 15	-	D IN 15	-
11	D OUT 14	FAN CONTROL	D IN 14	-
12	D OUT 13	HEATER DACS SERIAL DATA	D IN 13	-
13	D OUT 12	HEATER DACS CHIP SELECT	D IN 12	-
14	D OUT 11	HEATER DACS SERIAL CLK	D IN 11	-
15	D OUT 10	ANALOG SWITCH <u>ENABLE REQUEST</u>	D IN 10	-
16	D OUT 9	POWER MONITOR'S 34V <u>ENABLE</u>	D IN 9	-
17	D OUT 8	POWER MONITOR'S 15V <u>ENABLE</u>	D IN 8	ANALOG SWITCH <u>ENABLE</u>
18	GND	UTILITY SUPPORT BRD ANALOG GND	GND	UTILITY SUPPORT BRD ANALOG GND
19	SEROUT -	-	SERIN -	-
20	SEROUT +	-	SERIN +	-
21				
22	EXRESW	RESET FROM POWER MONITOR	SHUTTER	SHUTTER CONTROL (<u>CLOSE</u>)
23	GND	UTILITY SUPPORT BRD ANALOG GND	GND	UTILITY SUPPORT BRD ANALOG GND
24	A OUT 3	-	A OUT 1	HEATER CONTROL #2
25	A OUT 2	OUTPUT PANEL TEMP METER	A OUT 0	HEATER CONTROL #1
26	GND	UTILITY SUPPORT BRD ANALOG GND	GND	UTILITY SUPPORT BRD ANALOG GND
27	I SOURCE	-	A IN 15	-
28	A IN 14	-	A IN 13	-
29	A IN 12	-	A IN 11	-
30	A IN 10	CCD TEMPERATURE MONITOR MUX	A IN 9	CCD BIAS VOLTAGE MONITOR MUX
31	A IN 8	CLOCK BRDS' MONITOR MUX	A IN 7	-
32	A IN 6	COMMON TEMP DIODE #2 MONITOR	A IN 5	COMMON TEMP DIODE #1 MONITOR

UNIVERSITY OF CALIFORNIA
LICK OBSERVATORY

UTILITY BOARD SIGNAL ASSIGNMENTS
SDSU2 CCD CONTROLLER

REVISION

10-03-96 CONVERTED TO ACCEL EDA
01-08-97 CHANGED TITLES FROM PFCAM TO SDSU CCD CONTROLLER
11-48-98 COPIED SIGNAL/PIN ASSIGNMENTS FROM DEIMOS AND ADDED FAN CONTROL
01-25-00 CLEANED UP DRAWING AND TITLE

DES'N BY: B. Alcott

ORIGIN DATE: 4/1/96

DWG. NO. NUM. 1 OF 1

DRAWN BY:

MODIFY DATE: 01-25-00

PATH: ES:\SDSUCCD2\UTILCON

REV. A

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