

RIBBON CABLE CONNECTIONS FOR SIGNALS INTERNAL TO THE CONTROLLER CHASSIS

| A-SIDE | | | | | C-SIDE | | | | | | |
|--------|------------------------|-------------------------|-----|------------------------|----------------------|-----|------------------------|---------------------|-----|------------------------|--------|
| PIN | RIBBON CABLE CONDUCTOR | SIGNAL | PIN | RIBBON CABLE CONDUCTOR | SIGNAL | PIN | RIBBON CABLE CONDUCTOR | SIGNAL | PIN | RIBBON CABLE CONDUCTOR | SIGNAL |
| A1 | 2 | | A17 | 34 | | C1 | 1 | | C17 | 33 | |
| A2 | 4 | | A18 | 36 | | C2 | 3 | | C18 | 35 | |
| A3 | 6 | | A19 | 38 | SW_ENABLE (NOT USED) | C3 | 5 | | C19 | 37 | |
| A4 | 8 | | A20 | 40 | GND (AND VSYNC RTN) | C4 | 7 | | C20 | 39 | GND |
| A5 | 10 | | A21 | 42 | | C5 | 9 | | C21 | 41 | |
| A6 | 12 | | A22 | 44 | | C6 | 11 | | C22 | 43 | |
| A7 | 14 | | A23 | 46 | | C7 | 13 | GND (AND HSYNC RTN) | C23 | 45 | |
| A8 | 16 | | A24 | 48 | | C8 | 15 | | C24 | 47 | |
| A9 | 18 | | A25 | 50 | HV_ENABLE | C9 | 17 | TEMP. READOUT RTN | C25 | 49 | |
| A10 | 20 | | A26 | 52 | 15V_ENABLE | C10 | 19 | TEMPERATURE READOUT | C26 | 51 | |
| A11 | 22 | | A27 | 54 | | C11 | 21 | | C27 | 53 | |
| A12 | 24 | EXRESW (EXTERNAL RESET) | A28 | 56 | | C12 | 23 | | C28 | 55 | |
| A13 | 26 | | A29 | 58 | HORZ. SYNC | C13 | 25 | GND | C29 | 57 | |
| A14 | 28 | | A30 | 60 | VERT. SYNC | C14 | 27 | | C30 | 59 | |
| A15 | 30 | | A31 | 62 | | C15 | 29 | | C31 | 61 | |
| A16 | 32 | | A32 | 64 | | C16 | 31 | | C32 | 63 | |

REVISION

06-20-01 CHANGE SCHEMATIC NUMBER FROM EL-1291 TO EL-1286
 07-05-01 CORRECTED PIN NUMBERS, ADDED H & V SYNCs, AND CHANGE 48V TO HV

**UNIVERSITY OF CALIFORNIA
LICK OBSERVATORY**

**64 OF 96-PIN ADAPTER CABLE
HI RHO CCD CONTROLLER**

DES'N BY: **B. Alcott**

ORIGIN DATE: **06-14-01**

DWG. NO.

NUM. 1 OF 1

Last SN:

MODIFY DATE: **07-05-01**

PATH: HI_RHO_CCD\HI_RHO_96T064CABLE

REV. **A**

EL-1291