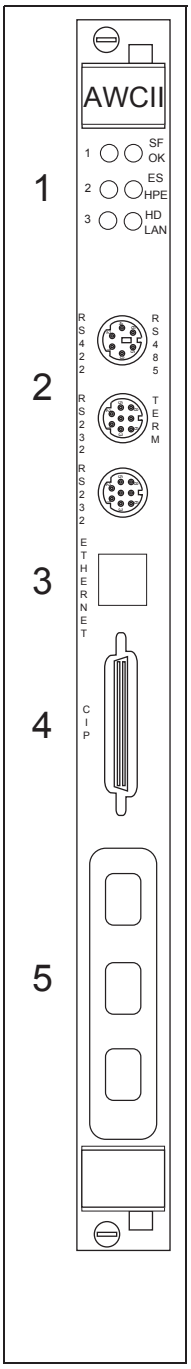
AdeptWindows Controller (AWC-II) Board Connectors and Indicators

An AWC-II system processor board is required for all Adept controllers and can be configured with a 68040 or 68060 CPU. This section describes the basic features of the AWC-II board.



1. Status LEDs.
   Six two-color LEDs indicate diagnostic test, power control, and communication status.

   SF/OK: red LED = System Fault, green LED = System OK
   ES/HPE: red LED = E-Stop open, green LED = High Power Enabled
   HD/LAN: red LED = Read / Write from CF, green LED = Ethernet access

   During system bootup the red SF/OK and ES/HPE LEDs are lit and the red HD/LAN LED blinks. After system bootup, the SF/OK LED should show green. If the ES/HPE LED shows red, the E-Stop circuit is open. During compact flash reads and writes, the HD/LAN LED pulses red. When the AWC-II is active on an Ethernet network, the HD/LAN LED pulses green.

2. Two RS232 ports and one RS422/485 port. (Refer to the *Adept MV Controller User's Guide* for pin descriptions and locations.)

3. Ethernet connector: Shielded RJ-45 receptacle that supports 10 BaseT communications. (Refer to the *Adept MV Controller User's Guide*.)

4. Controller Interface Panel (CIP2): connector that accepts a standard 50-pin SCSI cable that routes signals and information to the CIP2. Note that the CIP2 does not communicate in SCSI format. (See **Section 3.3 on page 34** through **Section 3.6 on page 35** for basic installation details and refer to the *Adept MV Controller User's Guide* for complete details.)

5. Three IEEE 1394 ports: Top port connects to the Multi-Access Interface (MAI) module in the PA-4 chassis.

Figure 3-3. AWC-II Controller Board