

Appendix D

Remote I/O Error Codes Remote I/O Module Remote I/O Head Remote Drive Interface Head

- 0 CPU failed power-up diagnostic
- 1 EPROM failed power-up diagnostic
- 2 RAM failed power-up diagnostic
- 3 CTC failed power-up diagnostic
- .3 CTC runtime failure
- 4 SIO port failed power-up diagnostic
- 5 DMA failed power-up diagnostic
- .5 DMA runtime failure; message transmit timeout occurred
- 6 I/O device interface failure (Remote I/O Head and Remote Drive Interface Head only)
- 6 Dual port memory failed power-up diagnostic (Remote I/O module only)
- .6 Runtime I/O interface failure (Remote I/O Head and Remote Drive Interface Head only)
- 7 Memory Management unit failed power-up diagnostic (Remote I/O module only)
- .8 or 8 Microprocessor on module did not attempt to go into run (Remote I/O module only)
 - Bad, missing, or wrong runbase EPROM,
 - Bad power supply
 - Interference from another module
 - Bad backplaneTry re-seating the module
- 9 PIO port failed power-up diagnostic
- A Invalid drop number. This occurs only if the drop number on the thumbwheel switch is greater than 07.
- b Watchdog timer failed power-up diagnostic
- C Communication line failure. If the module is a master drop, no other drops are functional on the network. If the module is a slave drop, it is not receiving any messages from the master drop. This fault code is reset whenever the line goes active.
- d System (backplane) watchdog failed; a Processor module went down. Board is operational but will not transmit or receive any data until the watchdog is reset. (Remote I/O module only).
- E Power failure. This code is normally present from the time that a low voltage is detected until power is completely lost.