

PIN	NAME	DIR*	DESCRIPTION
6	D<9>	I/O	HDD data 9
7	D<5>	I/O	HDD data 5
8	D<10>	I/O	HDD data 10
9	D<4>	I/O	HDD data 4
10	D<11>	I/O	HDD data 11
11	D<3>	I/O	HDD data 3
12	D<12>	I/O	HDD data 12
13	D<2>	I/O	HDD data 2
14	D<13>	I/O	HDD data 13
15	D<1>	I/O	HDD data 1
16	D<14>	I/O	HDD data 14
17	D<0>	I/O	HDD data 0
18	D<15>	I/O	HDD data 15
19	GND	P	Power and digital ground reference
20	NC		No connect
21	NC		No connect
22	GND	P	Power and digital ground reference
23	-IOWR	O	Active low HDD I/O write
24	GND	P	Power and digital ground reference
25	-IORD	O	Active low HDD I/O read
26	GND	P	Power and digital ground reference
27	NC		No connect
28	ALE	O	Address latch enable
29	NC		No connect
30	GND	P	Power and digital ground reference
31	HDIRQ	I	Active high HDD IRQ14

Table 2-2. IDE Drive Cable Connector Pin-Out (Continued)

## 8 System Board Settings

### System Board Settings

PIN	NAME	DIR	DESCRIPTION
32	-IOCS16	I	16 bit I/O mode
33	A<1>	O	HDD address 1
34	NC		No connect
35	A<0>	O	HDD address 0
36	A<2>	O	HDD address 2
37	-CS0	O	Active low HDD chip select 0
38	-CS1	O	Active low HDD chip select 1
39	-LED	I	Active low HDD LED
40	GND	P	Power and digital ground reference

\* Direction referenced from the system board

Table 2-2. IDE Drive Cable Connector Pin-Out

PIN	NAME	DIR*	DESCRIPTION
1	GND	P	Power and digital ground reference
2	RPM	O	Motor speed selection
3	GND	P	Power and digital ground reference
4	NC		No connect
5	GND	P	Power and digital ground reference
6	DRATE	O	Data rate control for 2.88MB floppy
7	GND	P	Power and digital ground reference
8	-INDEX	I	Active low index pulse
9	GND	P	Power and digital ground reference
10	-MOTA	O	Active low drive A motor control
11	GND	P	Power and digital ground reference

Table 2-3. Floppy Drive Cable Connector Pin-Out (Continued)