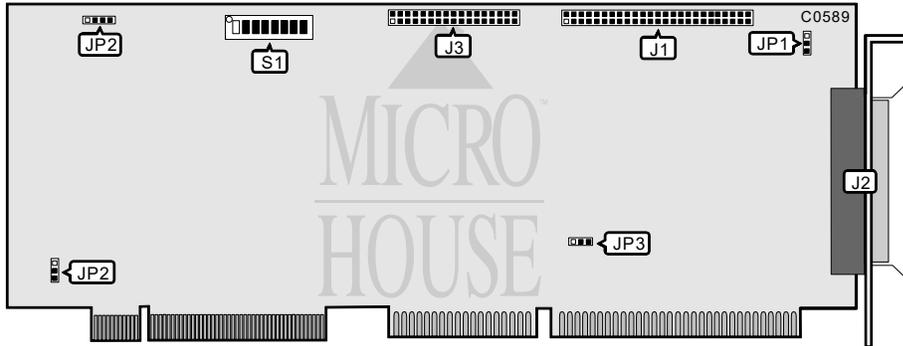# ULTRASTOR CORPORATION
ULTRA 34FA REV.A

Q4/94

Data bus: 32-bit, VL-bus
Size: Full-length, full-height card
Hard drive supported: Up to seven SCSI devices
Floppy drives supported: Two 360KB, 720KB, 1.2MB or 1.44MB drives

CONNECTIONS	
Function	Location
50-pin SCSI connector - internal	J1
50-pin SCSI connector - external	J2
34-pin control cable connector - floppy drive	J3
4-pin connector - drive active LED	JP4

USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Ultra 34FA supplies terminator power	JP1	pins 1 & 2 closed
Bus supplies terminator power	JP1	pins 2 & 3 closed
í 16 DWORD Burst Transfer Length enabled	JP2	pins 1 & 2 closed
8 DWORD Burst Transfer Length enabled	JP2	pins 2 & 3 closed
í Factory configured - do not alter	JP3	pins 1 & 2 closed
í Floppy controller enabled	S1/1	on
Floppy controller disabled	S1/1	off
í I/O and BIOS addresses set by software	S1/8	on
I/O and BIOS addresses set by S1/2-S1/7	S1/8	off

BIOS ADDRESS			
Address	S1/Switch 2	S1/Switch 3	S1/Switch 4
í Disabled	on	on	on
C4000h	on	on	off
C8000h	on	off	on
CC000h	on	off	off

Continued on next page . . .

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BIOS ADDRESS			
Address	S1/Switch 2	S1/Switch 3	S1/Switch 4
D0000h	off	on	on
D4000h	off	on	off
D8000h	off	off	on
DC000h	off	off	off
Note: S1/switch 8 must be set to the off position to enable switch controlled BIOS address settings.			

I/O ADDRESS			
Address	S1/Switch 5	S1/Switch 6	S1/Switch 7
í 330h	on	on	on
130h	off	off	on
140h	off	off	off
210h	off	on	off
230h	on	off	off
240h	off	on	on
310h	on	off	on
340h	on	on	off
Note: S1/switch 8 must be set to the off position to enable switch controlled I/O address settings.			

I/O ADDRESS		
Address	JP20/Jumper A	JP20/Jumper B
í 240h	closed	open
140h	open	open
220h	open	closed
340h	closed	closed