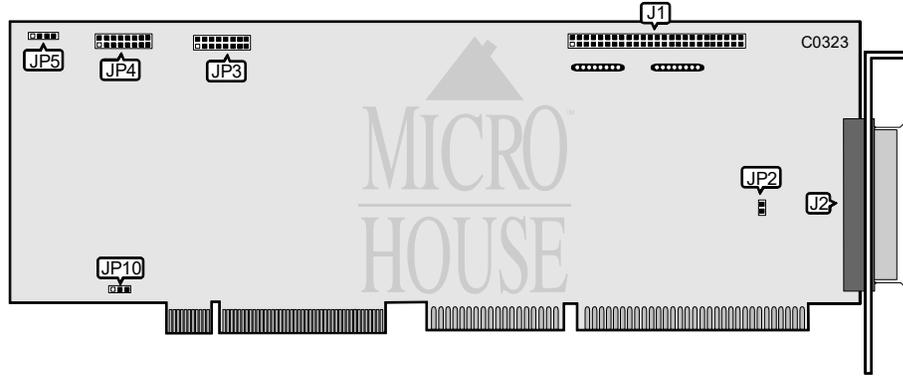# ULTRASTOR CORPORATION
ULTRA 34F

Q4/93

Data bus: 32-bit, VL-Bus
Size: Full-length, full-height card
Hard drive supported: Up to seven SCSI drives
Floppy drives supported: None

CONNECTIONS	
Function	Location
50-pin SCSI connector - internal	J1
50-pin SCSI connector - external	J2
4-pin connector - Drive active LED	JP5

USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Factory Configured - do not alter	JP2	closed
í Drive spindle motor(s) start on power-up	JP3/jumper 1	open
Drive spinlde motor(s) start by SCSI I.D. number	JP3/jumper 1	closed
í Sync Transfer Negotiation initiated by Ultra 34F	JP3/jumper 2	open
Sync Transfer Negotiation intiated by target	JP3/jumper 2	closed
í SCSI parity check enabled	JP3/jumper 5	open
SCSI parity check disabled	JP3/jumper 5	closed
í BIOS supports two hard drives per system	JP4/jumper 3	open
BIOS supports seven hard drives per controller	JP4/jumper 3	closed
í Factory Configured - do not alter	JP10	pins 1-2 closed

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INTERRUPT REQUEST		
iRQ	JP3/jumper 3	JP3/jumper 4
IRQ15	open	open
ı IRQ14	open	closed
IRQ11	closed	open
IRQ10	closed	closed

BIOS ADDRESS			
Address	JP3/jumper 6	JP3/jumper 7	JP3/jumper 8
Disabled	open	open	open
C400h	open	open	closed
ı C800h	open	closed	open
CC00h	open	closed	closed
D000h	closed	open	open
D400h	closed	open	closed
D800h	closed	closed	open
DC00h	closed	closed	closed

I/O PORT ADDRESS		
Address	JP4/jumper 1	JP4/jumper 2
ı 330h	open	open
340h	open	closed
230h	closed	open
130h	closed	closed

HEAD MAPPING OPTION		
Setting	JP4/jumper 4	JP4/jumper 5
16 heads, and 63 SPT mapping, 2 drives	open	open
ı 64 heads, and 32 SPT mapping, 2 drives	open	closed
64 heads, and 63 SPT mapping, >2 drives	closed	open
64 heads, and 32 SPT mapping, >2 drives	closed	closed

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SCSI ADDRESS			
SCSI I.D.	JP4/Jumper 6	JP4/Jumper 7	JP4/Jumper 8
Reserved	open	open	open
1	open	open	closed
2	open	closed	open
3	open	closed	closed
4	closed	open	open
5	closed	open	closed
6	closed	closed	open
í 7	closed	closed	closed