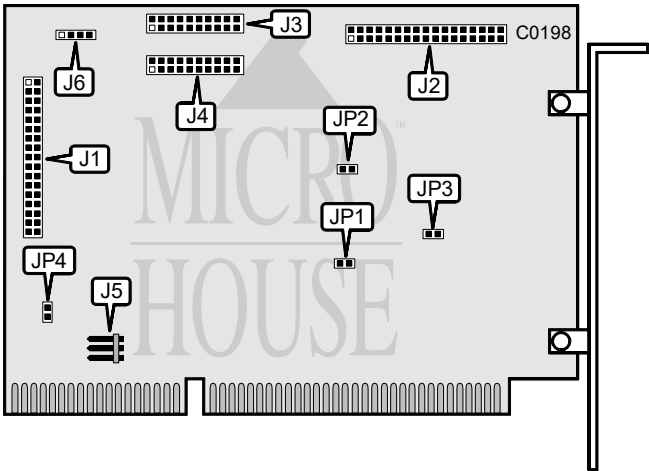


SEAGATE TECHNOLOGY INC.  
ST22M, ST22R

Q2/92

Data bus: 16-bit, ISA  
Size: Half-length, full-height card  
Hard drives supported: ST22M: Two MFM ST506/412 drives  
ST22R: Two RLL ST412 drives  
Floppy drives supported: Two 360KB, 720KB, 1.2MB, or 1.44MB



CONNECTIONS	
Function	Location
34-pin control cable connector- floppy drive	J1
34-pin control cable connector-hard drive	J2
20-pin data cable connector-drive 0	J3
20-pin data cable connector-drive 1	J4
4-pin connector-drive active LED	J5
5-pin connector-DC power	J6

USER CONFIGURABLE SETTINGS		
Function	Location	Setting
i BIOS enabled	JP3	open
BIOS disabled	JP3	closed
i Floppy drive enabled	JP4	closed
Floppy drive disabled	JP4	open

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# SEAGATE TECHNOLOGY INC. ST22M, ST22R

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I/O AND BIOS ADDRESS				
HD Port Address	FD Port Address	BIOS Address	JP1	JP2
1F0-1F7, 3FF-3F7	3F0-3F5, 3F7	C800-CBFF	open	open
1F0-1F7, 3F6-3F7	3F0-3F5, 3F7	CC00-CFFF	open	closed
170-177, 376-377	370-375, 377	D800-DBFF	closed	open
170-177, 376-377	370-375, 377	DC00-DFFF	closed	closed

DRIVE PARAMETERS SUPPORTED BY THE ST22M			
Capacity	Heads	Cylinders	SPT
21.4	4	615	17
32.1	6	615	17
42.5	5	977	17
42.8	6	820	17
44.5	5	1024	17
80.2	9	1024	17

DRIVE PARAMETERS SUPPORTED BY THE ST22R			
Capacity	Heads	Cylinders	SPT
21.1	2	667	31
32.7	4	615	26
42.9	4	667	31
49.1	6	615	26
65.5	6	820	26
122.7	9	1024	26