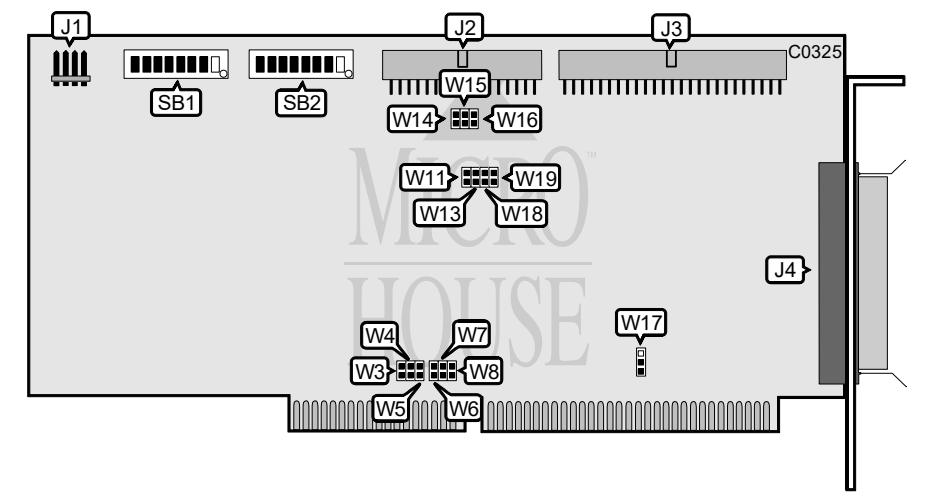


BUSLOGIC, INC.
BT-545S

Q4/93

Data bus: 16-bit, ISA
Size: Three/quarter-length, full-height card
Hard drive supported: Up to seven SCSI drives
Floppy drives supported: Two 360KB, 720KB, 1.2MB or 1.44MB drives



CONNECTIONS	
Function	Location
4-pin connector - Drive Active LED	J1
34-pin cable connector - floppy drive	J2
50-pin SCSI connector - internal	J3
50-pin SCSI connector - external	J4

SCSI ADDRESS			
Address	SB1/switch 1	SB1/switch 2	SB1/switch 3
0	off	off	off
1	off	off	on
2	off	on	off
3	off	on	on
4	on	off	off
5	on	off	on
6	on	on	off
7	on	on	on

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BT-545S

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DMA CHANNEL		
DRQ	SB1/switch 7	SB1/switch 8
Disabled	off	off
DRQ7	on	off
DRQ6	off	on
í DRQ5	on	on

I/O PORT ADDRESS			
Address	SB2/switch 1	SB2/switch 2	SB2/switch 3
Reserved	off	off	off
134-137h	off	off	on
234-237h	off	on	off
334-337h	off	on	on
Reserved	on	off	off
130-133h	on	off	on
230-233h	on	on	off
í 330-333h	on	on	on

BIOS ADDRESS		
Address	SB2/switch 4	SB2/switch 5
C800h	off	off
Disabled	on	off
D800h	off	on
í DC00h	on	on

INTERRUPT REQUEST			
IRQ	SB2/switch 6	SB2/switch 7	SB2/switch 8
Reserved	off	off	off
Reserved	off	off	on
IRQ15	off	on	off
IRQ14	off	on	on
IRQ12	on	off	off
IRQ9	on	off	on
IRQ10	on	on	off
í IRQ11	on	on	on

Jumpers W3-W8 must be set in accordance with SB2/switches 6-8

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USER CONFIGURABLE SETTINGS		
Function	Location	Setting
i SCSI parity check enabled	SB1/switch 4	on
SCSI parity check disabled	SB1/switch 4	off
>1GB drive support disabled	SB1/switch 5	on
>1GB drive support enabled*	SB1/switch 5	off
i Sync Negotiation initiated by BT-545S disabled	SB1/switch 6	on
Sync Negotiation initiated by BT-545S enabled	SB1/switch 6	off
i Factory Configured - do not alter	W2	open
i Factory Configured - do not alter	W9	open
i Floppy drive port address is 3F0-3F7h	W14	open
Floppy drive port address is 370-377h	W14	closed
i Floppy drive enabled	W15 & W16	closed
Floppy drive disabled	W15 & W16	open
i IOCHRDY enabled	W17	Pins 1-2 closed
IOCHRDY disabled	W17	Pins 2-3 closed
i Factory Configured - do not alter	W18	closed
i Sync transfer rate is 5MB/sec	W19	closed
Sync transfer rate is 10MB/sec	W19	open
Note: The SCO UNIX device driver does not support drives greater than 1GB.		

DMA TRANSFER RATE		
Speed	W11	W13
i 5MB/sec	open	open
5.7MB/sec	open	closed
6.7MB/sec	closed	open
8.0MB/sec	closed	closed

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BT-545S

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INTERRUPT REQUEST						
IRQ	W3	W4	W5	W6	W7	W8
IRQ15	closed	open	open	open	open	open
IRQ14	open	closed	open	open	open	open
IRQ12	open	open	closed	open	open	open
i IRQ11	open	open	open	closed	open	open
IRQ10	open	open	open	open	closed	open
IRQ9	open	open	open	open	open	closed
SB2/switches 6-8 must be set in accordance with Jumpers W3-W8						