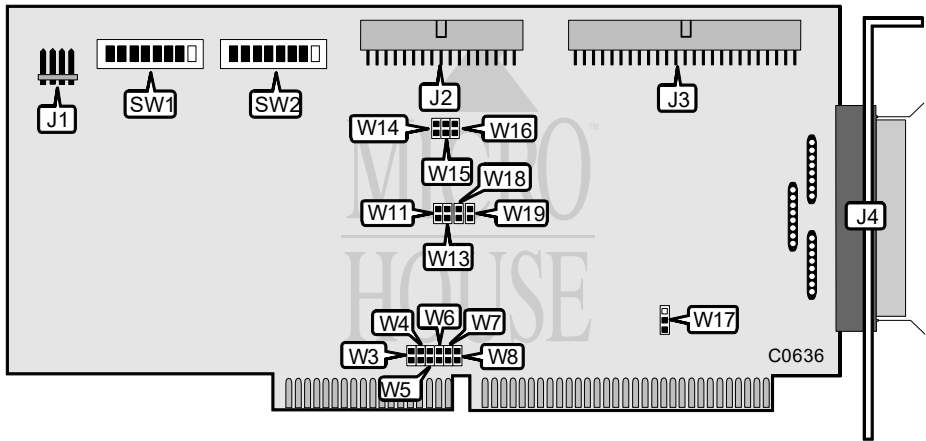


BUSLOGIC, INC.
BT-542B

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



CONNECTIONS	
Function	Location
4-pin connector - drive active LED	J1
34-pin connector - floppy drive interface	J2
50-pin SCSI connector - internal	J3
50-pin SCSI connector - external	J4

SCSI ADDRESS			
SCSI ID	SW1/Switch 1	SW1/Switch 2	SW1/Switch 3
7	on	on	on
0	off	off	off
1	on	off	off
2	off	on	off
3	on	on	off
4	off	off	on
5	on	off	on
6	off	on	on

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USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í SCSI Parity check enabled	SW1/switch 4	on
SCSI Parity check disabled	SW1/switch 4	off
í SCSI Auto Sense function enabled (for Rev. <=F)	SW1/switch 5	on
SCSI Auto Sense function disabled (for Rev. <=F)	SW1/switch 5	off
í Disk >1G support disabled (for Rev. >=G)	SW1/switch 5	on
Disk >1G support enabled (for Rev. >=G)	SW1/switch 5	off
í Synchronous transfer initiation from controller disabled	SW1/switch 6	on
Synchronous transfer initiation from controller enabled	SW1/switch 6	off
í Floppy drive port address 3F0-3F7h	W14	open
Floppy drive port address 370-377h	W14	closed
í Floppy drive enabled	W15, W16	closed
Floppy drive disabled	W15, W16	open
í I/O channel ready enabled	W17/pins 1 & 2	closed
I/O channel ready disabled	W17/pins 2 & 3	closed
í Factory configured - do not alter	W18	N/A
í Factory configured - do not alter	W19	N/A

DMA CHANNEL		
DMA	SW1/Switch 7	SW1/Switch 8
í 5	on	on
6	off	on
7	on	off
Disabled	off	off

I/O PORT ADDRESS			
Address	SW2/Switch 1	SW2/Switch 2	SW2/Switch 3
í 330h-333h	on	on	on
130h-133h	on	off	on
134h-137h	on	off	off
230h-233h	off	on	on
234h-237h	off	on	off
334h-337h	on	on	off
Reserved	off	off	on
Reserved	off	off	off

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BIOS ADDRESS		
Address	SW2/Switch 4	SW2/Switch 5
í DC000h	on	on
D8000h	off	on
C8000h	off	off
Disabled	on	off

INTERRUPT REQUEST CONFIGURATION				
IRQ	SW2/Switch 6	SW2/Switch 7	SW2/Switch 8	W3
í IRQ11	on	on	on	open
IRQ9	on	off	on	open
IRQ10	off	on	on	open
IRQ12	off	off	on	open
IRQ14	on	on	off	open
IRQ15	off	on	off	closed
Reserved	off	off	off	N/A
Reserved	on	off	off	N/A

INTERRUPT REQUEST CONFIGURATION (CONTINUED)					
IRQ	W4	W5	W6	W7	W8
í IRQ11	open	open	closed	open	open
IRQ9	open	open	open	open	closed
IRQ10	open	open	open	closed	open
IRQ12	open	closed	open	open	open
IRQ14	closed	open	open	open	open
IRQ15	open	open	open	open	open
Reserved	N/A	N/A	N/A	N/A	N/A
Reserved	N/A	N/A	N/A	N/A	N/A

BUS TRANSFER RATE		
Rate	W11	W13
í 5.0MB/sec	open	open
5.7MB/sec	open	closed
6.7MB/sec	closed	open
8.0MB/sec	closed	closed