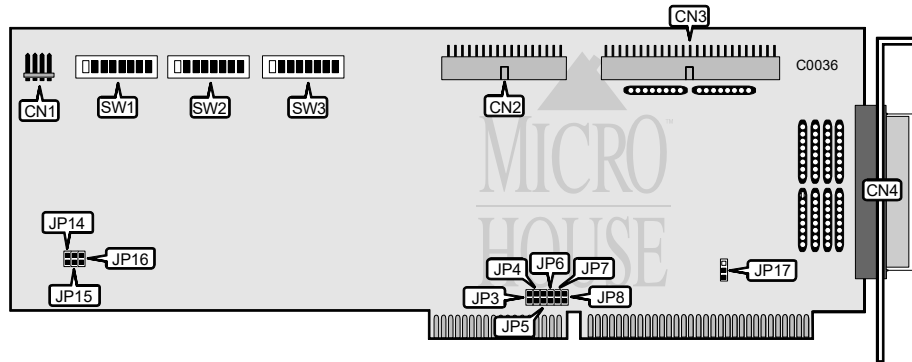


BUSLOGIC, INC. BT-542S, BT-542D

Data bus: 16-bit, ISA
 Size: Full-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	CN1
34-pin data cable connector-floppy drives	CN2
50-pin SCSI connector-internal	CN3
50-pin SCSI connector-external	CN4

USER CONFIGURABLE SETTINGS			
Function	Location	Setting	
f Floppy drive port address 3F0-3F7h	JP14	open	
Floppy drive port address 370-377h	JP14	closed	
f Floppy drive enabled	JP15 & JP16	closed	
Floppy drive disabled	JP15 & JP16	open	
f SCSI Parity check enabled	SW1/switch 4	on	
SCSI Parity check disabled	SW1/switch 4	off	
f SCSI Auto Sense function enabled	SW1/switch 5	on	
SCSI Auto Sense function disabled	SW1/switch 5	off	
f Synchronous transfer initiation from controller isabled	SW1/switch 6	on	
Synchronous transfer intitiation from controller enabled	SW1/switch 6	off	

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SCSI ADDRESS			
SCSI I.D.	SW1/switch 1	SW1/switch 2	SW1/switch 3
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
7	on	on	on

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

IRQ SELECT				
IRQ	JP3 - JP8	SW2/switch 6	SW2/switch 7	SW2/switch 8
IRQ11	JP6 closed	on	on	on
Reserved	N/A	off	off	off
Reserved	N/A	on	off	off
IRQ9	JP8 closed	on	off	on
IRQ10	JP7 closed	off	on	on
IRQ12	JP5 closed	off	off	on
IRQ14	JP4 closed	on	on	off
IRQ15	JP3 closed	off	on	off

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BIOS BASE ADDRESS			
Address	SW3/switch 3	SW3/switch 4	SW3/switch 5
Disabled	off	off	off
Reserved	on	off	off
C8000h	off	on	off
CC000h	on	on	off
D0000h	off	off	on
D4000h	on	off	on
D8000h	off	on	on
DC000h	on	on	on

DMA CHANNEL		
DRQ	SW1/switch 7	SW1/switch 8
5	on	on
6	off	on
7	on	off
Disabled	off	off

BUS TRANSFER RATE		
Rate	SW3/switch 1	SW3/switch 2
5.0 MB/second	on	on
5.7 MB/second	off	on
6.7 MB/second	on	off
8.0 MB/second	off	off