TANDY/RADIO SHACK
250-4161/250-4161A

Card type	Hard drive controller
Hard Drives supported	Up to 7 SCSI devices
Floppy drives supported	None
Data Bus	16-bit ISA
Card Size	Half-length, full-height card
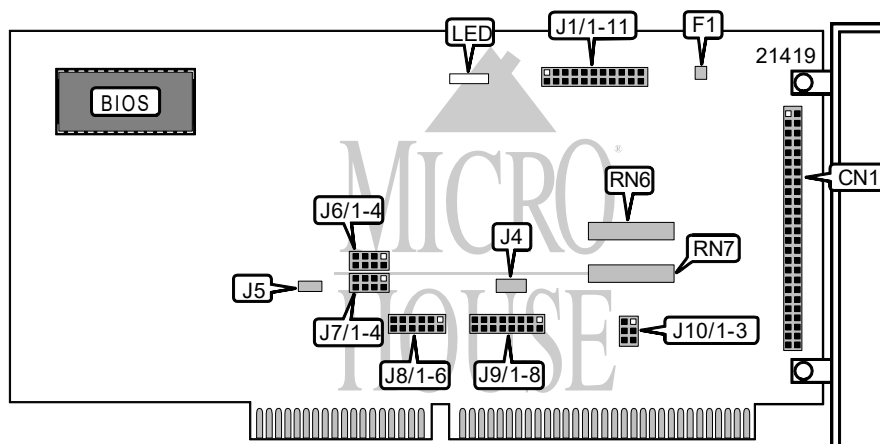
CONNECTIONS			
Function	Location	Function	Location
50-pin SCSI connector - internal	CN1	Drive active LED	LED

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í TERMPWR supplied from host adapter to SCSI interface	F1	Closed
TERMPWR not supplied to SCSI interface	F1	Open
í Synchronous Negotiation disabled	J1/1	Open
Synchronous Negotiation enabled	J1/1	Closed
í Factory configured - do not alter	J1/2	Open
í SCSI parity check enabled	J1/3	Open
SCSI parity check disabled	J1/3	Closed
í Zero wait states enabled	J4	Open
One wait state enabled	J4	Closed
í System computer is Tandy 4000	J5	Open
System computer is Tandy 3000	J5	Closed

DMA CHANNEL SELECTION					
Channel	J1/7	J1/8	J6/1	J6/2	J6/3
0	Closed	Closed	Closed	Open	Open
í 5	Open	Closed	Open	Closed	Open
6	Closed	Open	Open	Open	Closed
7	Open	Open	Open	Open	Open

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DMA CHANNEL SELECTION (CONTINUED)					
Channel	J6/4	J7/1	J7/2	J7/3	J7/4
0	Open	Closed	Open	Open	Open
í 5	Open	Open	Closed	Open	Open
6	Open	Open	Open	Closed	Open
7	Closed	Open	Open	Open	Closed

INTERRUPT SELECTION					
Setting	J1/9	J1/10	J1/11	J8/1	J8/2
9	Open	Open	Open	Closed	Open
10	Closed	Open	Open	Open	Closed
í 11	Open	Closed	Open	Open	Open
13	Closed	Closed	Open	Open	Open
14	Open	Open	Closed	Open	Open
15	Closed	Open	Closed	Open	Open

INTERRUPT SELECTION (CONTINUED)				
Setting	J8/3	J8/4	J8/5	J8/6
9	Open	Open	Open	Open
10	Open	Open	Open	Open
í 11	Closed	Open	Open	Open
13	Open	Closed	Open	Open
14	Open	Open	Closed	Open
15	Open	Open	Open	Closed

BIOS ADDRESS SELECTION			
Address	J10/1	J10/2	J10/3
C0000h	Closed	Closed	Closed
C4000h	Closed	Closed	Open
C8000h	Closed	Open	Closed
CC000h	Closed	Open	Open
D0000h	Open	Closed	Closed
D4000h	Open	Closed	Open
D8000h	Open	Open	Closed
í DC000h	Open	Open	Open

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BASE I/O ADDRESS SELECTION								
Setting	J9/1	J9/2	J9/3	J9/4	J9/5	J9/6	J9/7	J9/8
004h	Closed	Open	Open	Open	Open	Open	Open	Open
008h	Open	Closed	Open	Open	Open	Open	Open	Open
00Ch	Closed	Closed	Open	Open	Open	Open	Open	Open
010h	Open	Open	Closed	Open	Open	Open	Open	Open
014h	Closed	Open	Closed	Open	Open	Open	Open	Open
í 330h	Open	Open	Closed	Closed	Open	Open	Closed	Closed
3F0h	Open	Open	Closed	Closed	Closed	Closed	Closed	Closed
3F4h	Closed	Open	Open	Open	Open	Open	Closed	Closed
3F8h	Open	Open	Open	Open	Open	Open	Closed	Closed
3FCh	Open	Closed	Closed	Closed	Closed	Closed	Closed	Closed
3FFh	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Closed
Note: The switches are a binary representation of the decimal memory addresses. SW1/8 is the Most Significant Bit and switch SW1/1 is the Least Significant Bit. The switches have the following decimal values: SW1/8=512, SW1/7=256, SW1/6=128, SW1/5=64, SW1/4=32, SW1/3=16, SW1/2=8, SW1/1=4. Add the values of the closed jumpers to obtain the correct memory address. (Closed=1, Open=0)								

ID SELECTION			
SCSI ID	J1/4	J1/5	J1/6
0	Closed	Closed	Closed
í 1	Open	Closed	Closed
2	Closed	Open	Closed
3	Open	Open	Closed
4	Closed	Closed	Open
5	Open	Closed	Open
6	Closed	Open	Open
7	Open	Open	Open

TERMINATION SELECTION		
Setting	RN6	RN7
í Termination enabled	Installed	Installed
Termination disabled	Removed	Removed
Note: Terminators should be removed if inline terminators are used or the host adapter is not at the end of the SCSI bus.		