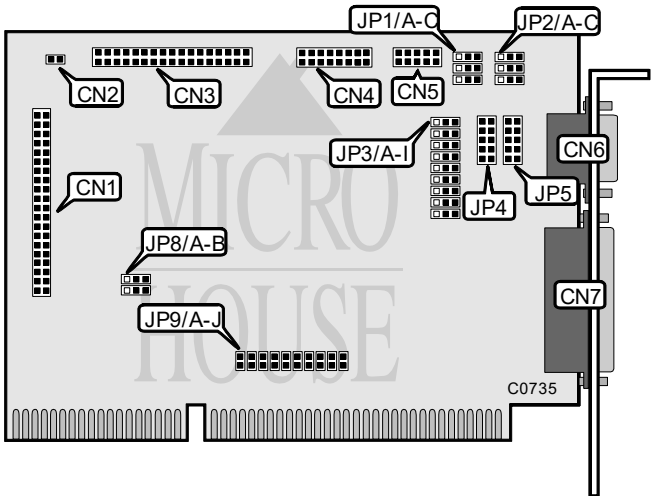# MODULAR CIRCUIT TECHNOLOGY
MCT-IDEIO

Q2/95

Data bus: 16-bit ISA
Size: Half-length, full-height card
Hard drive supported: Two IDE (AT) Interface drives
Floppy drives supported: Two 360KB, 720KB, 1.2MB, or 1.44MB drives

CONNECTIONS	
Function	Location
40-pin connnector - IDE(AT) interface	CN1
2-pin connector - drive active LED	CN2
34-pin connector - floppy drive interface	CN3
16-pin connector - game port - internal	CN4
10-pin connector - serial port 2 - internal	CN5
9-pin connector - serial port 1 - external	CN6
25-pin connector - parallel port - external	CN7

USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í IDE(AT) interface enabled	JP3/H	pins 2 & 3 closed
IDE(AT) interface disabled	JP3/H	pins 1 & 2 closed
í Game port enabled	JP3/I	pins 2 & 3 closed
Game port disabled	JP3/I	pins 1 & 2 closed

MODULAR CIRCUIT TECHNOLOGY
MCT-IDEIO

PARALLEL PORT ADDRESS SELECTION		
LPT	JP3/A	JP3/B
í LPT2	pins 2 & 3 closed	pins 2 & 3 closed
LPT1	pins 1 & 2 closed	pins 2 & 3 closed
LPT3	pins 2 & 3 closed	pins 1 & 2 closed
Disabled	pins 1 & 2 closed	pins 1 & 2 closed

PARALLEL PORT INTERRUPT SELECTION		
IRQ	JP9/I	JP9/J
í IRQ7	open	closed
IRQ5	closed	open

SERIAL PORT ADDRESS SELECTION						
Port 1	Port 2	JP3/C	JP3/D	JP3/E	JP8/A	JP8/B
í COM1	COM2	pins 2 & 3	pins 2 & 3	pins 2 & 3	pins 2 & 3	pins 2 & 3
COM2	COM3	pins 2 & 3	pins 2 & 3	pins 1 & 2	pins 1 & 2	pins 1 & 2
COM1	COM4	pins 2 & 3	pins 2 & 3	pins 2 & 3	pins 2 & 3	pins 1 & 2
COM3	COM4	pins 2 & 3	pins 2 & 3	pins 2 & 3	pins 1 & 2	pins 2 & 3
COM1	Dis.	pins 2 & 3	pins 1 & 2	pins 2 & 3	pins 2 & 3	pins 2 & 3
Dis.	COM2	pins 1 & 2	pins 2 & 3	pins 2 & 3	pins 2 & 3	pins 2 & 3
Dis.	Dis.	pins 1 & 2	pins 1 & 2	pins 1 & 2	pins 2 & 3	pins 2 & 3
Note: Pins designated are in the closed position.						

PRIMARY SERIAL PORT INTERRUPT SELECTION				
IRQ	JP9/E	JP9/F	JP9/G	JP9/H
í IRQ4	open	open	closed	open
IRQ2	closed	open	open	open
IRQ3	open	open	open	closed
IRQ5	open	closed	open	open

SECONDARY SERIAL PORT INTERRUPT SELECTION				
IRQ	JP9/A	JP9/B	JP9/C	JP9/D
í IRQ3	open	open	open	closed
IRQ2	closed	open	open	open
IRQ4	open	open	closed	open
IRQ5	open	closed	open	open

MODULAR CIRCUIT TECHNOLOGY
MCT-IDEIO

PRIMARY SERIAL PORT NORMAL/FORCED TRUE CONFIGURATION			
Setting	JP1/A	JP1/B	JP1/C
í Normal	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
Force True	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed

SECONDARY SERIAL PORT NORMAL/FORCED TRUE CONFIGURATION			
Setting	JP2/A	JP2/B	JP2/C
í Normal	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
Force True	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed

PRIMARY SERIAL PORT DTE/DCE CONFIGURATION	
Jumper JP5	
DTE (default)	DCE

SECONDARY SERIAL PORT DTE/DCE CONFIGURATION	
Jumper JP4	
DTE (default)	DCE

FLOPPY DRIVE INTERFACE CONFIGURATION		
Setting	JP3/F	JP3/G
í Enabled	pins 2 & 3 closed	pins 2 & 3 closed
Disabled	pins 1 & 2 closed	pins 2 & 3 closed