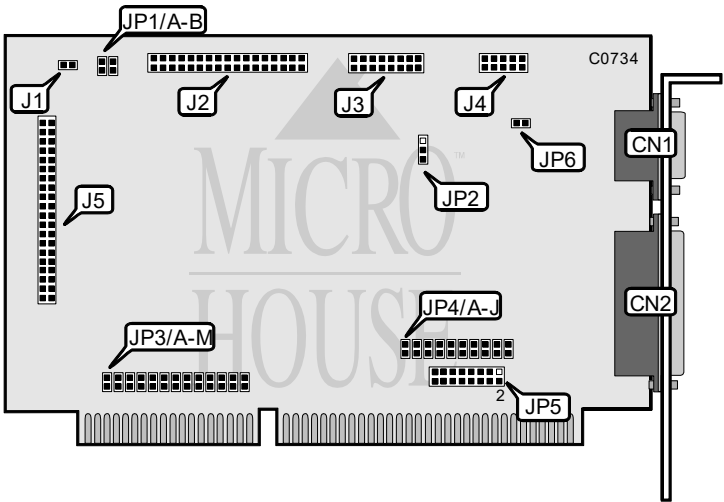


MODULAR CIRCUIT TECHNOLOGY
MCT-IDEIO+

Q2/95

Data bus: 16-bit ISA
Size: Three--quarter 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
9-pin connector - serial port 1 - external	CN1
25-pin connector - parallel port	CN2
2-pin connector - drive active LED	J1
34-pin connector - floppy drive interface	J2
16-pin connector - game port	J3
10-pin connector - serial port 2 - internal	J4
40-pin connector - IDE(AT) interface	J5

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MODULAR CIRCUIT TECHNOLOGY

MCT-IDEIO+

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USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í UART clock speed 1.8432MHz select	JP2	pins 2 & 3 closed
UART clock speed 7.3728MHz select	JP2	pins 1 & 2 closed
í IDE(AT) interface enabled	JP3/A	closed
IDE(AT) interface disabled	JP3/A	open
í Floppy drive interface enabled	JP3/B	closed
Floppy drive interface disabled	JP3/B	open
í Game port enabled	JP3/C	closed
Game port disabled	JP3/C	open
í Parallel port is uni-directional	JP6	closed
Parallel port is bi-directional	JP6	open

PARALLEL PORT CONFIGURATION		
LPT	JP3/D	JP3/E
í LPT1	closed	open
LPT2	open	closed
Disabled	open	open

PARALLEL PORT INTERRUPT SELECTION		
IRQ	JP4/A	JP4/B
í IRQ7	closed	open
IRQ5	open	closed

PRIMARY SERIAL PORT CONFIGURATION				
COM	JP3/J	JP3/K	JP3/L	JP3/M
í COM1	closed	open	open	open
COM2	open	open	closed	open
COM3	open	closed	open	open
COM4	open	open	open	closed

SECONDARY SERIAL PORT CONFIGURATION				
COM	JP3/F	JP3/G	JP3/H	JP3/I
í COM2	open	open	closed	open
COM1	closed	open	open	open
COM3	open	closed	open	open
COM4	open	open	open	closed

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MODULAR CIRCUIT TECHNOLOGY

MCT-IDEIO+

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PRIMARY SERIAL PORT INTERRUPT SELECTION				
IRQ	JP4/G	JP4/H	JP4/I	JP4/J
í IRQ4	open	closed	open	open
IRQ2	open	open	open	closed
IRQ3	closed	open	open	open
IRQ5	open	open	closed	open

SECONDARY SERIAL PORT INTERRUPT SELECTION				
IRQ	JP4/C	JP4/D	JP4/E	JP4/F
í IRQ3	closed	open	open	open
IRQ2	open	open	open	closed
IRQ4	open	closed	open	open
IRQ5	open	open	closed	open

SERIAL PORT DMA CONFIGURATION		
Setting	JP1/A	JP1/B
í DMA disabled	open	open
Primary port DMA enabled	closed	open
Secondary port DMA enabled	open	closed
Both ports DMA enabled	closed	closed

PRIMARY SERIAL PORT DMA SELECTION		
DMA	Mode	JP5
í 1	Receive	pins 3 & 4, 7 & 8 closed
3	Transmit	pins 1 & 2, 5 & 6 closed

SECONDARY SERIAL PORT DMA SELECTION		
DMA	Mode	JP5
í 3	Receive	pins 10 & 12, 13 & 14 closed
1	Transmit	pins 9 & 11, 15 & 16 closed